











CHARTER,  
SUPPLEMENTAL CHARTERS,  
BY-LAWS,  
AND  
LIST OF MEMBERS  
OF  
THE INSTITUTION OF CIVIL ENGINEERS,

ESTABLISHED 2 JAN. 1818—INCORPORATED BY ROYAL CHARTER 3 JUNE, 1828,

“FOR THE GENERAL ADVANCEMENT OF MECHANICAL SCIENCE.”

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# CHARTER.



## CHARTER

OF

*The Institution of Civil Engineers.*

INCORPORATED 3 JUNE, 1828.

GEORGE THE FOURTH, by the Grace of God, of the United Kingdom of Great Britain and Ireland King, Defender of the Faith: To all to whom these Presents shall come, Greeting:

WHEREAS THOMAS TELFORD, of Abingdon Street, in our city of Westminster, Esquire, a Fellow of the Royal Societies of London and Edinburgh, and others of our loving subjects, have formed themselves into a Society for the general advancement of Mechanical Science, and more particularly for promoting the acquisition of that species of knowledge which constitutes the profession of a Civil Engineer, being the art of directing the Great Sources of Power in Nature for the use and convenience of man, as the means of production and of traffic in states both for external and internal trade, as applied in the construction of roads, bridges, aqueducts, canals, river navigation and docks, for internal intercourse and exchange, and in the construction of ports, harbours, moles, breakwaters and lighthouses, and in the art of navigation by artificial power for the purposes of commerce, and in the construction and adaptation of machinery, and in the drainage of cities and towns: And have subscribed and collected considerable sums of money for those purposes: And We have been besought to grant to them, and to those who shall hereafter become members of the same Society, our Royal Charter of Incorporation, for the purposes aforesaid: Now KNOW YE, that We, being desirous of encouraging a design so laudable

The nature and  
object of the  
Society.

Name of the  
Society.

and salutary, of our especial grace, certain knowledge, and mere motion, have willed, granted, and declared: And do by these presents, for us, our heirs and successors, will, grant, and declare, that the said THOMAS TELFORD, and such others of our loving subjects as have formed themselves into, and are now members of the said Society, or who shall at any time hereafter become members thereof, according to such regulations or by-laws as shall be hereafter framed or enacted, shall, by virtue of these presents, be the members of, and form one Body Politic and Corporate, for the purposes aforesaid, by the name of "THE INSTITUTION OF CIVIL ENGINEERS;" by which name they shall have perpetual succession, and a common seal, with full power and authority to alter, vary, break, and renew the same, at their discretion: and by the same name to sue, and be sued, implead, and be impleaded, answer, and be answered unto, in every court of us, our heirs and successors; and be for ever able and capable in the law, to purchase, receive, possess, and enjoy to them and their successors, any goods and chattels whatsoever, and also be able and capable in the law (notwithstanding the statutes of mortmain) to take, purchase, possess, hold and enjoy to them and their successors, a Hall, and any messuages, lands, tenements, or hereditaments whatsoever, the yearly value of which, including the site of the said Hall, shall not exceed in the whole the sum of one thousand pounds, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof; and to act in all the concerns of the said body politic and corporate for the purposes aforesaid, as fully and effectually to all intents, effects, constructions, and purposes whatsoever, as any other of our liege subjects, or any other body politic or corporate in our United Kingdom of Great Britain and Ireland, not being under any disability, might do in their respective concerns. And We do hereby grant our especial licence and authority unto all and every person and persons, bodies politic and corporate (otherwise competent), to grant, sell, alien, and convey in mortmain, unto and to the use of the said Society, and their successors, any messuages, lands, tenements, or hereditaments, not exceeding such annual value as aforesaid.



And our will and pleasure is, and We further grant and declare, that there shall be a General Meeting of the members of the said body politic and corporate, to be held from time to time, as hereinafter mentioned, and that there shall always be a Council, to direct and manage the concerns of the said body politic and corporate; and that the General Meetings and the Council shall have the entire direction and management of the same, in the manner, and subject to the regulations, hereinafter mentioned. But our will and pleasure is, that at all General Meetings, and Meetings of the Council, the majority of the members present, and having a right to vote thereat respectively, shall decide upon the matters propounded at such Meetings, the person presiding therein having, in case of an equality of numbers, a second or casting vote. And We do hereby also will, grant, and declare, that the Council shall consist of a President, four Vice-Presidents, and not more than fifteen, nor less than seven other Members, to be elected out of the Members of the said body politic and corporate; and that the first Members of the Council, exclusive of the President, shall be elected within six calendar months after the date of this our Charter; and that the said THOMAS TELFORD shall be the first President of the said body politic and corporate. And We do hereby further will, grant, and declare, that it shall be lawful for the Members of the said body politic and corporate, hereby established, to hold General Meetings once in the year, or oftener, for the purposes hereinafter mentioned (viz.); That the General Meeting shall choose the President, Vice-Presidents, and other Members of the Council; that the General Meetings shall make and establish such by-laws as they shall deem to be useful and necessary for the regulation of the said body politic and corporate, for the admission of Members, for the management of the estates, goods and business of the said body politic and corporate, and for fixing and determining the manner of electing the President, Vice-Presidents, and other Members of the Council, and the period of their continuance in office; as also of electing and appointing a Treasurer, two Auditors, and two Secretaries, and such other officers, attendants, and servants, as shall be deemed necessary or useful for the said body politic and corporate; and such by-laws

A General Meeting and Council.

The Member presiding at any Meeting shall have a second or casting vote. Constitution of the Council.

General Meetings.

General Meetings to make by-laws and regulations.

Mode of electing Officers to be defined by by-laws.

By-laws may  
be altered.

No by-law to  
be repugnant to  
this Charter.

Council to have  
sole manage-  
ment of the  
funds.

Property  
vested in the  
Members.

No by-laws to  
be made con-  
trary to the  
laws of this  
Realm.

from time to time shall or may alter, vary, or revoke, and shall or may make such new and other by-laws as they shall think most useful and expedient, so that the same be not repugnant to these presents, or to the laws and statutes of this our Realm; and shall and may also enter into any resolution, and make any regulation, respecting any of the affairs and concerns of the said body politic and corporate, that shall be thought necessary and proper. And We further will, grant, and declare, that the Council shall have the sole management of the income and funds of the said body politic and corporate, and also the entire management and superintendence of all the other affairs and concerns thereof; and shall or may, but not inconsistently with, or contrary to the provisions of this our Charter, or any existing by-law, or the laws and statutes of this our Realm, do all such acts and deeds as shall appear to them necessary or essential to be done, for the purpose of carrying into effect the objects and views of the said body politic and corporate. And We further will, grant, and declare, that the whole property of the said body politic and corporate shall be vested, and We do hereby vest the same solely and absolutely in the Members thereof, and that they shall have full power and authority to sell, alienate, charge or otherwise dispose of the same, as they shall think proper; but that no sale, mortgage, incumbrance, or other disposition of any messuages, lands, tenements, or hereditaments, belonging to the said body politic and corporate, shall be made, except with the approbation and concurrence of a General Meeting. And We lastly declare it to be our Royal will and pleasure, that no resolution, or by-law, shall on any account or pretence whatsoever be made by the said body politic and corporate in opposition to the general scope, true intent, and meaning of this our Charter, or the laws or statutes of our Realm; and that if any such rule or by-law shall be made, the same shall be absolutely null and void, to all intents, effects, constructions, and purposes whatsoever. In witness whereof We have caused these our Letters to be made Patent. Witness Ourselves at our Palace of Westminster, this third day of June, in the ninth year of our reign.

By Writ of Privy Seal.

SCOTT.

SUPPLEMENTAL CHARTER, 1887.





## SUPPLEMENTAL CHARTER.

3 August, 1887.

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VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland Queen, Defender of the Faith :  
To all to whom these presents shall come, Greeting :

WHEREAS the body politic and corporate of THE INSTITUTION OF CIVIL ENGINEERS was incorporated under or by virtue of a certain Charter or Letters Patent bearing date at Westminster the 3rd day of June in the ninth year of the Reign of King George the Fourth, and the said Institution is now regulated and governed by and according to the provisions of the said Charter or Letters Patent, and also by or according to certain by-laws and regulations made by the said Institution: AND WHEREAS by the said Charter or Letters Patent the said Institution has full power and authority *inter alia* to be able and capable in the law (notwithstanding the statutes of mortmain) to take, purchase, possess, hold and enjoy to them and their successors a Hall, and any messuages, lands, tenements or hereditaments whatsoever, the yearly value of which, including the site of the said Hall, shall not exceed in the whole the sum of one thousand pounds, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof: AND WHEREAS the said Institution presented their humble petition to us, alleging, *inter alia*, as follows :

“ At the time the said Charter was granted the number of members of all classes was 156, and the income for that year was £446 16s. ; the number of members of all classes on the 3rd of June, 1886, was 5,174, and the total annual receipts of the said Institution for the past year were £19,945. The premises now

occupied by the Institution are situate at No. 25 Great George Street, Westminster, and the Institution entered into possession of them at Christmas 1839. The said premises have become and are totally inadequate for the accommodation now required: It is therefore in contemplation to acquire additional property adjoining the said premises for the extension thereof. The powers of the Charter as to holding land have become exhausted, and the Institution are therefore desirous that the yearly value of the property to be held by them should be extended to the sum of £10,000 at the time of purchase."

Therefore the petitioners most humbly supplicated Us to grant Our Royal Charter, enlarging the Charter of Incorporation for the purpose of empowering the Institution to purchase and hold messuages, lands, tenements and hereditaments of a yearly value not exceeding at the time of purchase the sum of £10,000.

Now KNOW YE, that We, taking the premises into Our Royal consideration of Our especial grace, certain knowledge and mere motion, have granted, constituted and appointed, and by these presents for Us, Our heirs and successors, do grant, constitute and appoint as follows, that is to say:—

1. That the powers of The Institution of Civil Engineers notwithstanding the Statutes of Mortmain, to take purchase, possess, hold and enjoy to them and their successors, a Hall, and any messuages, tenements or hereditaments whatsoever, the yearly value whereof was not to exceed the yearly value in the said Charter mentioned, and the powers unto all and every person and persons, bodies politic and corporate (otherwise competent), to grant, sell, alien, and convey in mortmain, unto and to the use of the said Society, and their successors, any messuages, lands, tenements or hereditaments, not exceeding the yearly value therein mentioned, shall be and are hereby extended, so that the yearly value of the Hall, messuages, lands, tenements and hereditaments, acquired or to be acquired

under the said Charter and this Charter, shall not exceed £8,000, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof: PROVIDED, that such messuages, tenements or hereditaments shall be aliened, taken and held by the said Institution to be used and enjoyed solely for the purposes thereof and not otherwise.

2. And We do hereby, for Us, Our heirs and successors, grant and declare that these Our Letters Patent, or the enrolment or exemplification thereof, shall be in all things valid and effectual in law according to the true intent and meaning of the same, and shall be construed and adjudged in the most favourable and beneficial sense for the best advantage of the said Institution, as well in Our Courts as elsewhere, notwithstanding any recital, misrecital, uncertainty or imperfection in these Our Letters Patent.

IN WITNESS whereof We have caused these Our Letters to be made Patent. Witness ourself at Westminster the 3rd day of August, in the fifty-first year of Our Reign.

By Warrant under the Queen's Sign Manual,

MUIR MACKENZIE.







SUPPLEMENTAL CHARTER, 1896.



## SUPPLEMENTAL CHARTER.

20 *March*, 1896.

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VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith :  
To all to whom these presents shall come, Greeting :

WHEREAS the body politic and corporate of THE INSTITUTION OF CIVIL ENGINEERS was incorporated under or by virtue of a certain Charter or Letters Patent bearing date at Westminster the 3rd day of June, in the ninth year of the reign of King George the Fourth, and the said Institution is now regulated and governed by and according to the provisions of the said Charter or Letters Patent, and a certain Supplemental Charter or Letters Patent, dated the 3rd day of August, in the fifty-first year of Our reign, and by or according to certain By-laws and regulations made by the said Institution. AND WHEREAS by the said Charter or Letters Patent of the ninth year of the reign of King George the Fourth it is provided (*inter alia*) that there shall be a General Meeting of the Members of the said body politic and corporate to be held from time to time as therein mentioned, and that there shall always be a Council to direct and manage the concerns of the said body politic and corporate, and that the General Meetings and the Council shall have the entire direction and management of the same in the manner and subject to the regulations therein mentioned, and that at all General Meetings and Meetings of the Council the majority of the members present and having the right to vote thereat respectively shall decide upon the matters propounded at such Meetings, the person presiding therein having, in case of an equality of numbers, a second or casting vote. And that the Council shall consist of a President, four Vice Presidents, and not more than fifteen

nor less than seven other Members, to be elected out of the said body politic and corporate, and that it shall be lawful for the said body politic and corporate to hold General Meetings once in the year or oftener, for the purposes therein mentioned, including (inter alia) that the General Meeting shall choose the President, Vice Presidents, and other Members of the Council, and that the General Meetings shall make and establish such By-laws as they shall deem to be useful and necessary for the regulation of the said body politic and corporate and (inter alia) for fixing and determining the manner of electing the President, Vice Presidents, and other Members of the Council. AND WHEREAS the said recited portions of the Charter of the ninth year of the reign of King George the Fourth were unaffected by the said Supplemental Charter of the fifty-first year of Our reign, and still remain in force. AND WHEREAS the said Institution presented their humble Petition to Us alleging (inter alia) as follows:—

At the time the said Charter of the ninth year of the reign of King George the Fourth was granted, the number of Members of all classes was one hundred and fifty-six; the prescribed number of the Council was sufficient to enable the Institution to place upon the Council an adequate number of representative men having regard to the total number of Members, and the scope of all branches of Engineering science, as then taught and practised throughout the Realm; and the number of Members residing in or near to the Metropolis formed a large proportion of the whole number, and could reasonably be expected personally to attend General Meetings for the purpose of electing a President, Vice Presidents, and other Members of the Council.

On the 2nd day of January, One thousand eight hundred and ninety-six, the number of Members of all classes was Five thousand nine hundred and sixty-nine; the prescribed number of Members of the Council is no longer sufficient to enable the Institution to place on the Council an adequate number of representative

men having regard to the total number of Members, and the scope of all branches of Engineering science, as now taught and practised throughout the Realm ; and the number of Members residing in or near the Metropolis now forms a comparatively small portion of the whole number, and a large proportion cannot now be reasonably expected, personally, to attend General Meetings for the purpose of electing a President, Vice Presidents, and other Members of Council. It is desired by the Members of the Institution, and is expedient, that the maximum number of Members of the Council (exclusive of the President and Vice Presidents) should no longer be limited to fifteen, but should be such number as may be from time to time fixed by the By-laws, having regard to the growth and requirements of the Institution, and that in the maximum number there may be included such number (not being more than four), of Past Presidents of the Institution, to be appointed by the Council from time to time in accordance with By-laws to be made in that behalf, to act as Members of the Council together with the President, Vice Presidents, and elected Members of the Council; and that the minimum number of Members of the Council (exclusive of the President and Vice Presidents, but inclusive of any Past Presidents appointed as aforesaid) should be raised from seven to twenty-two; and that the power of taking part in the election of a President, Vice Presidents, and elected Members of Council should not be confined to Members actually present at a General Meeting; and that the Institution should have power to conduct such election by means of ballot or voting papers in such manner as may be from time to time prescribed by By-laws made in accordance with the said Charters.

Therefore the Petitioners most humbly supplicated Us to grant Our Royal Charter for the purpose of enabling the number of Members of the Council of the Institution to be enlarged in manner aforesaid, and for the purpose of enabling



the votes of Members not actually present at a Meeting to be taken into account in the election of the President, Vice Presidents, and other Members of the Council of the Institution.

NOW KNOW YE that We, taking the premises into Our Royal consideration, of Our especial grace, certain knowledge and mere motion, Have granted, constituted, and appointed, and by these presents, for Us, Our heirs and successors, Do grant, constitute and appoint in manner following, that is to say:—

THAT, notwithstanding anything in the Charter of the ninth year of the reign of King George the Fourth, incorporating THE INSTITUTION OF CIVIL ENGINEERS, the By-laws of the Institution may from time to time prescribe a maximum number of Members of the Council (other than and exclusive of the President and Vice Presidents) and that from and after the enactment of any such By-law the number of Members of the Council (other than and exclusive of the President and Vice Presidents) shall not be more than the maximum so prescribed, nor less than twenty-two.

THAT, notwithstanding anything in the said Charter, the By-laws of the Institution may from time to time prescribe that a certain number (not being more than four) of the Members of the Council shall be former Presidents of the Institution, to be appointed by the Council from time to time, in accordance with such By-laws, to act as Members of Council together with the President, Vice Presidents, and elected Members of the Council, and so that the Past Presidents so appointed shall, while they hold office under such appointment, be deemed to be members of the Council for the purpose of computing the maximum and minimum number of Members, and for all other purposes.

THAT, notwithstanding anything in the said Charter, the votes of Members not actually present at Meetings at which the election of the President, Vice Presidents, and other Members of the Council (other than Past Presidents appointed under this Our Charter) is propounded, or at which the President, Vice Presidents, and Members (other than as last aforesaid) are chosen, may be taken into account by means of ballot or voting papers or instruments of proxy



as may be prescribed by by-laws from time to time framed for that purpose by the Institution.

THAT the Council, consisting of a President, four Vice Presidents, and not more than the maximum number for the time being prescribed by the By-laws, nor less than twenty-two other Members constituted in accordance with this Our Charter, shall have the direction and management of the concerns of the said body politic and corporate, and the rights and duties conferred on the Council elected out of the said body politic and corporate in accordance with the said Charter of the ninth year of the reign of King George the Fourth.

AND We do hereby, for Us, Our heirs and successors, grant and declare that these Our Letters Patent, or the enrolment or exemplification thereof, shall be in all things valid and effectual in law according to the true intent and meaning of the same, and shall be construed and adjudged in the most favourable and beneficial sense for the best advantage of the said Institution, as well in Our Courts as elsewhere, notwithstanding any recital, misrecital, uncertainty, or imperfection in these Our Letters Patent.

IN WITNESS whereof We have caused these Our Letters to be made Patent. Witness Ourselves at Westminster, the twentieth day of March, in the Fifty-ninth year of our reign.

BY WARRANT UNDER THE QUEEN'S SIGN  
MANUAL.

MUIR MACKENZIE.





BY-LAWS AND REGULATIONS.



BY-LAWS AND REGULATIONS  
OF  
*The Institution of Civil Engineers.*

AS AMENDED 20 DECEMBER, 1898.

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SECTION I.

OBJECTS.

THE INSTITUTION OF CIVIL ENGINEERS was first established, and has since been incorporated by Royal Charter, for the general advancement of Mechanical Science, and more particularly for promoting the acquisition of that species of knowledge which constitutes the profession of a Civil Engineer.

SECTION II.

CONSTITUTION.

1. THE INSTITUTION OF CIVIL ENGINEERS shall consist of Members, of Associate Members, of Associates entitled to the privileges of Corporate Membership, and of Honorary Members. All such Members, Associate Members, Associates, and Honorary Members may hereafter be referred to as Corporate Members. The Institution may also have attached to it Associates who are not entitled to the privileges of Corporate Membership, and Students.

2. MEMBERS shall comprise every person who, on the 2nd of December, 1878, was on the Register as a Member; and every person thereafter elected or transferred into the class of Members. Every Candidate for election or transfer into the

class of Members shall be more than thirty years of age, and shall come within one of the following conditions:—

He shall have been regularly educated as a Civil Engineer, shall have had subsequent employment for at least five years and shall be actually engaged at the time of his application for election, in responsible situations as Resident Engineer, or otherwise, in some of the branches defined by the Charter as constituting the profession of a Civil Engineer; or,

He shall have practised on his own account in the profession of a Civil Engineer for at least five years, and shall have acquired a considerable degree of eminence in the same.

3. ASSOCIATE MEMBERS shall comprise every person who, being a Civil Engineer by profession, was on the register as an Associate on the 2nd of December, 1878, and every person thereafter elected into the class of Associate Members.

Every candidate for election into the class of Associate Members shall be more than twenty-five years of age, (a) He shall have been regularly educated as a Civil Engineer, shall have passed such examination or examinations as are appointed or are recognized by the Council, and shall be actually engaged at the time of his application for election, in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter; or,

(b), He shall satisfy the Council that he has had a sufficient training, that he has been engaged for at least five years and that he is actually engaged at the time of his application for election, in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter, and shall furnish a satisfactory Thesis or Paper on a professional subject; or,

(c), He shall, whilst complying with either of the foregoing conditions as to training and occupation as set forth in the paragraphs (a) and (b), afford satisfactory proof to the Council of his fitness for election without either examination or the submission of a Thesis or Paper.

4. ASSOCIATES ENTITLED TO THE PRIVILEGES OF CORPORATE MEMBERSHIP shall comprise every person who, not being a Civil Engineer by profession, was on the Register as an Associate on the 2nd of December, 1878.



5. ASSOCIATES NOT ENTITLED TO THE PRIVILEGES OF CORPORATE MEMBERSHIP shall be persons who are not Civil Engineers by profession, but whose pursuits constitute branches of Engineering, or who by their connection with Science or the Arts, or otherwise, are qualified to concur with Civil Engineers in the advancement of professional knowledge.

6. HONORARY MEMBERS shall be either distinguished individuals, who from their position are enabled to render assistance in the prosecution of public works, or persons eminent for science and experience in pursuits connected with the profession of a Civil Engineer, but who are not engaged in the practice of that profession in the United Kingdom or its dependencies.

7. STUDENTS shall be persons not under eighteen years of age, who are, or have been, pupils of Corporate Members of the Institution, who have complied with the regulations of Section IV. of these By-Laws, and who have the object or intention of becoming engaged in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter; and such persons may continue Students until they attain the age of twenty-six years, but not longer.

8. The Officers of the Institution shall be a President, four Vice-Presidents, and other Members of Council to be elected or nominated under the By-Laws, who shall constitute the Council to direct and manage the concerns of the Institution; also two Auditors of Accounts, a Treasurer, and two Secretaries. Such Officers shall be elected or appointed annually in manner hereinafter directed.

9. Any Member, Associate Member, Associate, Honorary Member, or Student, having occasion to designate himself as belonging to the Institution, shall state the class to which he belongs, according to the following abbreviated forms, *viz.* M. Inst. C.E., Assoc. M. Inst. C.E., Assoc. Inst. C.E., Hon. M. Inst. C.E., Stud. Inst. C.E.

## SECTION III.

ELECTION, TRANSFER AND EXPULSION OF MEMBERS,  
ASSOCIATE MEMBERS, ASSOCIATES AND HONORARY  
MEMBERS.

1. Any person desirous of being elected a Member, Associate Member, Associate, or Honorary Member, must be proposed and recommended according to the Form A in the Appendix, in which the name, usual residence, and qualifications of the candidate shall be distinctly specified. The proposal must be signed by at least six Corporate Members certifying a personal knowledge of the candidate, and a full conviction of his qualifications, and the candidate must sign the undertaking appended to the Form.

2. The proposal so made, being delivered to the Secretary, shall be submitted to the Council, who shall consider the qualifications specified, and shall in the case of persons required by these By-laws to have passed Examinations appointed or recognised by the Council, or to have furnished Theses or Papers, satisfy themselves that the candidate has passed the necessary examination or examinations, or has furnished the necessary Thesis or Paper. The Council shall determine the class for which the candidate is to be presented for Ballot, and shall specify the same on the proposal. The Chairman of the Meeting of Council which approves, or (after being satisfied as aforesaid) finally approves, the eligibility of a candidate, shall sign the proposal, which shall then be read at the next Ordinary Meeting of the Institution, and be placed in some conspicuous situation until the candidate is balloted for, and six clear days shall elapse between the reading of the proposal and the Ballot.

The Council shall cause to be held examinations for persons desirous of being elected Associate Members, and shall frame regulations for such examinations, defining the times at which they shall be held, the subjects which they shall comprise, and the fees to be paid or deposited by candidates in respect of such examinations; and they may from time to time add to or vary or rescind any of the aforesaid regulations as it may appear to them to be necessary.

The examinations shall be directed by the Council, who shall obtain such assistance as may be necessary from qualified persons to be appointed by them examiners in such subjects as the Council may from time to time determine. The remuneration of such examiners shall be fixed by the Council. The Council may in their discretion permit persons<sup>1</sup> who are not at the time candidates for election to present themselves for examination, and if they pass such examination the Council may exempt them (wholly or partially) from further examination if they subsequently apply for election. After each examination held under the direction of the Council a report of the names of those who have passed shall be presented by the examiners to the Council. The Council shall have power to recognize such University degrees and Collegiate or other certificates as after scrutiny they may deem to prove a sufficient standard of attainment in the subjects referred to; and may exempt such graduates or holders of such certificates from passing the aforesaid examinations appointed and directed by the Council.

3. Any person whose proposal has been passed by the Council shall be duly informed of it by a letter from the Secretary.

4. Ballots shall take place at the first Ordinary Meeting of the Institution in the month of December in each year, and at the first Meeting in each ensuing month during the Session, and at the last Meeting but one in the Session. Only Corporate Members have the right of voting.

5. Every candidate shall be declared to be elected unless there be at least one negative vote for every four affirmative votes.

6. In any election a second ballot shall be granted, at the same Meeting, if it be demanded immediately by any three persons present having a right to vote.

7. In case of the non-election of any person balloted for no notice shall be taken thereof on the Minutes.

8. The proposal for transferring any person from the class of Associate Members to the class of Members shall be according to Form C in the Appendix. This form being subscribed by at least ten Corporate Members, and delivered to the Secretary, shall be submitted to the Council, who, subject to the conditions

<sup>1</sup> At present such permission is granted only to Students of the Institution.



hereinbefore set forth, may, if they think fit, make the proposed transfer.

9. Any person duly elected a Member, Associate Member, Associate, or Honorary Member, or transferred from one class to another, shall be informed thereof without delay, by a letter, according to the Form D, enclosing a promise (Form E), which promise the person elected or transferred must sign and return to the Secretary, and he must pay the admission fee and annual subscription for the current year (or the increase thereof in case of transfer) within two months after the date of his election or transfer which otherwise shall become void ; but the Council may in particular cases extend the time.

10. Every individual elected, and having signed the Form E in the Appendix, and the Register of the Institution, and having likewise made the proper payments, shall receive the diploma of his election. At the first Ordinary Meeting at which he is present, he shall, after having fulfilled the foregoing requirements, be introduced according to the ensuing form: *viz.* the President or Chairman of the Meeting, addressing him by name, shall say, "As President (or as Chairman of this Meeting) " of THE INSTITUTION OF CIVIL ENGINEERS, I introduce Mr. " A. B. as a Member, Associate Member, Associate, or Honorary Member (as the case may be)."

11. The Council shall have the right, by a majority of two-thirds of those present at a meeting of the Council, to expel from the Institution any Member, Associate Member or Associate who may be convicted, by a competent tribunal, of felony, embezzlement, larceny, or misdemeanour, or other offence which, in the opinion of the Council, renders him unfit to be a member ; and in case the Council shall be of opinion that the conduct of any Member, Associate Member or Associate should become the subject of enquiry with a view of ascertaining whether there are grounds for his expulsion, or in case twenty or more Corporate Members shall think fit to draw up and sign a proposal for the expulsion of a Member, Associate Member or Associate on any ground whatever, and shall deliver the same to the Secretary to be laid before the Council for consideration, the Council shall make such enquiry as they deem adequate ; and if they do not find sufficient reason for

expulsion no entry of the enquiry shall be made in the Minutes; but if the Council by a majority of at least eleven-twelfths of those present at a Meeting of the Council specially summoned for the purpose and at which at least twelve Members of Council are present, do find good reason for expulsion of the Member, Associate Member or Associate on the ground that he has been guilty of disgraceful conduct in any professional respect they shall cause such person's name to be erased from the Register and thus expel him from the Institution. The Secretary shall give him notice according to Form G in the Appendix, and the Council shall report such erasure at the next Annual General Meeting.

#### SECTION IV.

##### ADMISSION AND PRIVILEGES OF STUDENTS.

1. Upon producing evidence of having passed such examination or examinations in the subjects of general education as may be appointed or recognized by the Council, persons, between the ages of 18 and 25 years, may be admitted as Students by the Council on the recommendation (according to Form B in the Appendix) of the Corporate Members under whom they are, or have been, pupils; and they may remain Students of the Institution, at and during the pleasure of the Council, until they attain the age of twenty-six years, when they shall cease to be Students.

The Council may cause to be held examinations for persons desirous of being admitted Students, and may frame regulations for such examinations, defining the times at which they shall be held, the subjects which they shall comprise, and the fees to be paid or deposited by candidates in respect of such examinations; and the Council may from time to time add to or vary or rescind such of the aforesaid regulations as may appear to them to be necessary, and shall have power to recognize in their discretion University degrees and Collegiate and other certificates in lieu of examinations appointed under the provisions of this Section.

2. Any person admitted as a Student shall be informed thereof by letter (according to the Form F in the Appendix)

stating that the first year's subscription must be paid within two months, otherwise the admission will be void. When the first subscription shall have been paid he shall be entitled to attend the Ordinary Meetings, but not to vote at such Meetings, and to have the use of the Library (subject to such regulations as the Council may from time to time prescribe), as well as to receive a copy of the Minutes of Proceedings relating to each session during which he shall continue to be a Student.

3. Students of the Institution are eligible to compete for the premiums or prizes arising out of the "Miller Fund," and any other funds devoted by the Institution, or by any person or persons, for premiums or prizes for Students.

4. The Council may accord to Students other privileges, but subject to such terms, regulations, and restrictions, as they shall from time to time prescribe.

5. No Student will be allowed to introduce a stranger into the rooms of the Institution.

## SECTION V.

### CONTRIBUTIONS TO THE FUNDS.

1. Those Members, Associate Members, Associates, and Students, whose place of business or whose residence is within ten miles of the General Post Office, shall be considered Residents, and those beyond such limits Non-Residents.

2. On change of place of business or of residence, so as to go beyond or come within those limits before each annual contribution becomes due, the amount thereof shall vary accordingly.

3. Each resident Member shall pay four guineas, and each non-resident Member three guineas, per annum.

4. Each resident Associate Member and Associate shall pay three guineas, and each non-resident Associate Member and Associate two guineas and a half, per annum. The subscription for the current year paid by an Associate Member shall, on his transfer to Membership, be taken as in part payment of his subscription as a Member for that year.

5. Each resident Student shall pay two guineas, and each non-resident Student one guinea and a half, per annum. The



subscription for the current year paid by a Student shall on his election to Associate Membership, be taken as in part payment of his subscription as an Associate Member for that year.

6. Every new Member, Associate Member and Associate shall on admission to the Institution pay a fee of ten guineas; but no payment, other than the increased annual subscription, shall be due from an Associate Member on his transfer to Membership.

7. Any Member, Associate Member or Associate, whose subscription is not in arrear, may compound for future annual subscriptions by the payment of sixty guineas. All such compositions shall be invested, and the interest alone shall be appropriated to the current expenditure of the Institution, except by special direction of the Council on the report and recommendation of the Finance Committee.

8. All annual subscriptions are due on the first of January in each year for the year then commencing, and must be paid before the first of April of that year; any Member, Associate Member, Associate, or Student, whose subscription is in arrear shall not be entitled to attend any Meeting or to receive the publications. The subscription of any Member, Associate Member, or Associate, elected at the Ballot in December, shall become due on the first of January next ensuing: and the subscription of any Student admitted in the month of November or December shall become due on the first of January next ensuing.

9. Every individual elected a Member, Associate Member or Associate, and every Student, shall be liable for the payment of his annual subscription, until he has signified to the Secretary, in writing, his desire to resign, having previously paid all arrears, or until he has forfeited his right to remain in or to be attached to, the Institution.

10. Any person whose subscription is two years in arrear, that is to say, whose arrears and current subscription shall not have been paid on or before the first of April, shall be reported to the Council, who shall direct application to be made to him according to Form H; and in the event of its continuing one month in arrear, after such application, the Council shall have the power, after suitable remonstrance, by letter, in the

form so provided (Form I), of erasing the name of the defaulter from the Register or lists of the Institution.

11. In the case of any Corporate Member who has been long distinguished in his professional career, but who, from ill health, advanced age, or other sufficient cause, does not continue to carry on a lucrative practice, the Council, if they find good reason for the remission of the annual subscription, may so remit it. Also they may remit any arrears which are due from such an individual ; or may accept a collection of books, or drawings, or models, or such other contribution as, in their opinion, under the circumstances of the case, may entitle the person to be enrolled as a Life Subscriber, or to enable him to resume his former rank in the Institution which may have been in abeyance from any particular cause. The Council may, if they find good reason to do so, re-instate, under such conditions as they may see fit, any Member, Associate Member or Associate, whose name has been removed from the Register under the provisions of this Section.

These cases must be considered and reported upon to the Council by a Committee appointed by the Council for the purpose.

## SECTION VI.

### CONSTITUTION OF THE COUNCIL.

1. The number of the Council shall be such as the Council in any year may fix for the ensuing year provided that such number shall not be less than twenty-three nor more than thirty-one inclusive in both cases of the President and Vice-Presidents, but exclusive of such of the Past Presidents, if any, as may be appointed by the Council.

The President, the four Vice-Presidents, and other members of the Council (exclusive of Past Presidents, to be appointed by the Council) shall be elected annually, and the Council, when elected for the year, may appoint any number of Past Presidents, not exceeding four, to be members of the Council for the same year.

The year of office for the President, Vice-Presidents and other Members of the Council, shall commence at the com-

mencement of each Session, and the election of the Council at the Annual General Meeting for the ensuing year, and the appointment of other members of the Council for the same year, shall have reference to the next ensuing year of office as hereby defined.

The existing Council shall in all cases continue in office till the commencement of the next Session, notwithstanding that more than a year may have elapsed since the commencement of their year of office.

2. At an Ordinary Meeting at least four weeks before the Annual General Meeting, the Council shall present a list of persons whom they nominate as suitable for the offices of President, Vice-Presidents, and other members of the Council for the ensuing year, exclusive of Past Presidents to be appointed by the Council when elected. The list shall include the names of not less than seven corporate members who have not served on the Council during the current or the preceding year, and the number of names in all shall be at least two in excess of the number of the Council to be elected. The list so presented shall be the balloting list for the annual election on the last Tuesday of the Session.

No person shall be nominated for the office of President more than two years consecutively, and at the expiration of such two years he shall not for a period of three years be eligible to be nominated for that office.

The senior Vice-President in duration of office shall be nominated for President, except he give notice to the Council, at least one month previously, of his intention to decline accepting office.

In case of the decease or resignation of the President, the Council shall be empowered to summon a Special General Meeting of Corporate Members who shall proceed to the nomination and election of a President, the senior Vice-President being nominated as above provided.

3. At the Annual election, each Corporate Member may erase any name or names from the balloting list, and may substitute the name or names of any other person or persons eligible for each respective office; but the number of names on the list, after such erasure or substitution, must be, without the repetition of any of them, the number to be elected to the



respective offices as above enumerated. Those lists which do not accord with these directions shall be rejected by the Scrutineers.

4. At the Ordinary Meeting next before the Annual General Meeting the members shall choose two or more persons as Scrutineers for the purposes of the Ballot. The Balloting List shall immediately after the Ordinary Meeting at which it has been presented by the Council be issued to all members in the United Kingdom, and to any other member residing elsewhere, who may, in writing, request to have the list forwarded to him, and shall be returned to the Secretary, at least three days before the Annual General Meeting, in a closed envelope. The Scrutineers shall open the envelopes and count the votes and report the result at the Annual General Meeting. Any Balloting List on which a member has voted for a number either more or less than one person as President, four persons as Vice-Presidents, and the prescribed number of persons as other elected Members of the Council, shall be rejected by the Scrutineers.

5. The two Auditors shall be elected or appointed by the Annual General Meeting.

6. The Treasurer and Secretaries shall be appointed annually by the Council.

## SECTION VII.

### THE PRESIDENT.

The President shall take the chair at all Meetings of the Institution, the Council, and the Committees, at which he is present, and shall regulate and keep order in the proceedings.

## SECTION VIII.

### THE VICE-PRESIDENTS.

In the absence of the President, it shall be the duty of the Vice-Presidents to preside in rotation at the Meetings of the Institution, and to regulate and keep order in the proceedings. But in case of the absence of the President and of all the Vice-

Presidents, the Meeting may elect any member of Council, or, in case of their absence, any Corporate Member present, to take the chair at the Meeting.

## SECTION IX.

### PROCEEDINGS OF THE COUNCIL.

1. The direction and management of the concerns of the Institution are vested in the Council, under the control of the Charter, By-Laws and Regulations, and of all Resolutions of Special General Meetings of Corporate Members, which have been duly summoned and held in accordance with the Charter and By-Laws, when such Resolutions have been duly entered on the Minutes, and signed by the Chairmen of the Meetings.

2. The Council shall meet as often as the business of the Institution may require; and at every Meeting three shall constitute a quorum. The Council may appoint Committees, for special purposes, to report to the Council.

3. All questions shall be decided in the Council by vote; but at the desire, expressed in writing, of any two members present, the determination of any subject shall be postponed to the succeeding Meeting.

4. A statement of the funds of the Institution, and of the receipts and payments during the past year, terminating on the 31st of March, shall be made, under the direction of the Council, and, after having been verified and signed by the Auditors, shall be laid before the Annual General Meeting.

5. The Council shall draw up a yearly Report on the state of the Institution, which shall be read at the Annual General Meeting.

6. It shall be the duty of the Council to adopt every possible means for the advancement of the Institution; to provide for properly conducting the business of the Institution in all cases of emergency, as the death or resignation of officers; and to arrange for the publication of the Papers read at the Meetings, and of such documents as may be calculated to advance professional knowledge.

## SECTION X.

## THE TREASURER AND THE TWO AUDITORS.

1. The Treasurer shall be a Banker in the Metropolis, with whom all uninvested money belonging to the Institution shall be deposited by the Council on account and for the use of the Institution.

2. No sum of money payable on account of the Institution, amounting to five pounds and upwards, shall be paid except by order of the Council, signed by the Chairman of the Meeting at which the cheque was ordered, and by two other members of Council, and countersigned by the Secretary.

3. The Auditors shall have access at all reasonable times to the Accounts of the pecuniary transactions of the Institution ; and they shall verify and sign the annual statement of the Accounts before it is submitted by the Council to the Annual General Meeting.

## SECTION XI.

## THE SECRETARIES.

1. The Secretaries, of whom one shall be Honorary, and the other or acting Secretary shall be designated as the Secretary, shall be appointed every year by the Council, at the first Meeting of the Council after the Annual General Meeting.

2. It shall be the duty of the Secretary, under the direction of the Council, to conduct the correspondence of the Institution ; to attend all Meetings of the Institution, and of the Council, and of Committees ; to take Minutes of the proceedings of such Meetings ; to read the Minutes of the preceding Meeting and all communications that may be ordered to be read ; to superintend the publication of such Papers as the Council may direct ; to have charge of the Library ; to direct the collection of the



subscriptions and the preparation of the account of the expenditure of the funds, and to present all accounts to the Council for inspection and approval. He shall also engage and be responsible for all persons employed under him, and shall generally conduct the ordinary business of the Institution.

## SECTION XII.

### THE SESSIONS AND MEETINGS.

1. The Session of the Institution shall commence annually on the first Tuesday in November, and shall continue till the end of April, and it shall be in the power of the Council to protract the Session, if it appear advisable.

2. The Meetings of the Institution shall be as follows:—  
1st, the Annual General Meeting of Corporate Members only.  
2nd, Ordinary Meetings. 3rd, Special General Meetings of Corporate Members only, for the purpose of making, altering, and establishing By-laws and Regulations, or for any other special business for which such Meetings may be convened.

3. The Annual General Meeting of the Institution shall be held on the last Tuesday of the Session, at eight o'clock in the evening, to receive and deliberate upon the Report of the Council on the state of the Institution, with the annual statement of the Accounts, and to elect the Council and Officers for the ensuing year.

4. The Ordinary Meetings shall be held on every Tuesday, during the Session, at eight o'clock in the evening, with the exception of the Tuesdays between the Tuesday previous to Christmas Eve and the second Tuesday in January, and also with the exception of Easter Tuesday; but it shall be in the power of any Ordinary Meeting, on the recommendation of the Council, to make such other exceptions as may appear advisable. No new question shall be introduced, or motion be made, after ten o'clock.

5. The business of the Ordinary Meetings of the Institution

shall be conducted as nearly as possible in the following order:—

1. The Minutes of the preceding meeting to be read, and after having been confirmed, to be signed by the Chairman.
2. Business arising out of the Minutes to be entered on.
3. Communications from the Council to be brought forward.
4. Candidates for election to be announced.
5. Any individual present for the first time since his election, having paid the usual contributions, and signed the Forms and the Register, to be introduced by the Chairman to the Meeting.
6. Original Communications to be read and discussed.
7. Candidates for election to be balloted for.

6. Every Corporate Member shall have the privilege of introducing one stranger, to be present at the Ordinary Meetings of the Institution, on writing his name in a book provided for that purpose, or sending with him a card signed with his name, according to a Form provided.

7. No question shall be discussed, or motion be made, at the Ordinary Meetings, relative to the direction and management of the concerns of the Institution; such direction and management being vested in the Council, under the control of the Charter and By-Laws, and of the Resolutions of Special General Meetings.

8. The Council may at any time call a Special General Meeting of Corporate Members for a specific purpose relative to the direction and management of the concerns of the Institution; and the Council are at all times bound to do so on a requisition in writing of twenty Corporate Members, specifying the nature of the business to be transacted.

9. A notice shall be sent to those Corporate Members who reside in the United Kingdom, at least seven days before the time appointed by the Council for such Special General Meeting; and the notice shall specify the nature of the business to be transacted, and no other than that business shall be transacted at that Meeting. All Corporate Members shall have a right, subject to the provision of Section V., Article 8, to attend and vote, and fifty shall constitute a quorum.

## SECTION XIII.

## OTHER SOCIETIES AND LECTURES.

1. The Council shall have power to grant, from time to time, as they may think fit, the use of the rooms of the Institution to any Society for purposes analogous to those of the Institution, and to any persons who may be desirous of having Lectures delivered on subjects connected with the objects of the Institution.

## SECTION XIV.

## ENACTMENT OF BY-LAWS AND REGULATIONS.

1. The Council, when they may consider it expedient to propose the enactment of any new By-Law or Regulation, or the alteration or repeal of any existing one, shall summon a Special General Meeting of Corporate Members to decide on the same. And the Council are at all times bound to do so on a requisition in writing of twenty Corporate Members, specifying the particular new By-Law or Regulation, or the alteration or repeal of any existing one, which they recommend.

2. A notice shall be sent to those Corporate Members who reside in the United Kingdom, at least seven days before the time appointed by the Council for such Special General Meeting. The notice shall state the general tenour and objects of any new By-Law or Regulation or the alteration or repeal of any existing one, which is to be proposed and discussed; and the business of the Meeting shall be limited thereto. All the Corporate Members of the Institution (but none other than Corporate Members) shall have a right, subject to the provision of Section V., Article 8, to attend and vote, and fifty shall constitute a quorum.

3. No new By-Law or Regulation, or alteration or repeal of any existing By-Law or Regulation, shall be proposed at any Meeting of the Institution, except in the manner above prescribed.

4. It shall be sufficient in all cases if the Forms in the Appendix are substantially followed, and no act or proceeding shall be invalid by reason of any formal defect.



## SECTION XV.

## THE PROPERTY OF THE INSTITUTION.

1. The property and effects of the Institution, of what kind soever, are vested in the Corporate Members for the time being, for the use of the body politic and corporate solely, in furtherance of the public and scientific objects contemplated in the Charter.

2. Under no pretence whatever shall such property and effects, or the income or revenue of the Institution, derived from voluntary contributions or otherwise howsoever, be applied in making any dividend, gift, division, or bonus, unto or between any of the Corporate Members, and the same is hereby expressly prohibited, in conformity with the fundamental law and invariable practice of the Institution, as acted upon from its first establishment; and therefore no proposition in contravention thereof shall be entertained by the Council, or by any Meeting, whether General or Special, of the Corporate Members of the Institution.

3. Every Paper, Map, Plan, Drawing, or Model, presented to the Institution, shall be considered the property thereof, unless there shall have been some previous arrangement to the contrary, and the Council may publish the same in any way and at any time they may think proper. But should the Council refuse or delay the publication of such Paper beyond a reasonable time, the Author thereof shall have a right to copy the same, and to publish it as he may think fit, having previously given notice, in writing, to the Secretary of his intention. Except as hereinbefore provided, no person shall publish, or give his consent for the publication of any communication presented and belonging to the Institution, without the previous consent of the Council.

4. The Library shall be open daily to all Members, Associate Members, Associates, Honorary Members, and Students, from 9.30 A.M. to 5.30 P.M., when they shall have the right to peruse and inspect all Books, Papers, Plans, Maps, &c., belonging to the Institution, and to make copies and extracts therefrom (doing no injury to the same), with the exception of such

documents as the Council shall order not to be inspected or copied; but none of the property of the Institution shall be taken away from the premises without the express permission of the Council.

## SECTION XVI.

### DONATIONS AND BEQUESTS.

1. The names of all persons who have presented any additions to the Library, or to the collections of Plans and Models, or who have made any voluntary contribution to the funds of the Institution, shall be recorded and published as benefactors to the Institution.

2. Every person desirous of bequeathing to the Institution any Manuscripts, Books, Maps, Plans, Drawings, Instruments, or other personal property, is requested to make use of the following form in his will:

“I give and bequeath to THE INSTITUTION OF CIVIL  
“ENGINEERS, incorporated by Royal Charter, dated June  
“the 3rd, 1828, [*here enumerate and particularize the*  
“*effects or property to be bequeathed:*] And I hereby  
“declare that the receipt of the Treasurer of the said  
“Institution for the time being shall be an effectual dis-  
“charge to my executors for the said legacy or bequest.”





APPENDIX TO THE BY-LAWS.



A P P E N D I X,  
CONTAINING FORMS REFERRED TO  
IN "  
THE BY-LAWS.

---

FORM A.

A \_\_\_\_\_ B \_\_\_\_\_ of \_\_\_\_\_  
\_\_\_\_\_ being upwards of twenty-five years of  
age, born on the \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_, and being desirous  
of belonging to THE INSTITUTION OF CIVIL ENGINEERS, I recommend him,  
from PERSONAL KNOWLEDGE, as in every respect worthy of that distinction,  
because

*[Here specify distinctly the Qualifications of the Candidate according to  
the spirit of Articles 2, 3, 5 and 6, Sect. II., of the By-Laws.]*

On the above grounds, I beg leave to propose him to the Council as a  
proper person to belong to the Institution.

Signed, (A. B.) *Corporate Member.*

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_.

We, the undersigned, concur in the above recommendation from per-  
sonal knowledge, and being fully convinced that A. B. is in every respect a  
proper person to belong to the Institution.

Signed, (X. Y.) *Corporate Members.*

*[Undertaking to be signed by the Candidate.]*

I, the undersigned, do hereby promise, that, in the event of my election,  
I will be governed by the Royal Charters of the Institution, and by the  
By-Laws and Regulations as they are now formed, or as they may here-  
after be altered, amended, or enlarged, under the powers of the said  
Charters; and that I will promote the objects of the Institution as far as  
may be in my power, and will present to the Institution an Original

Communication, model, or scientific work for the library, within the space of twelve months from the date of my election.

Signed, \_\_\_\_\_

The Council, having considered the above recommendation, present A. B. to be balloted for as a \_\_\_\_\_ of THE INSTITUTION OF CIVIL ENGINEERS.

Signed, \_\_\_\_\_

*Chairman.*

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_.

## FORM B.

### (STUDENT.)

A \_\_\_\_\_ B \_\_\_\_\_ of \_\_\_\_\_  
 \_\_\_\_\_ born on the \_\_\_\_\_ day  
 of \_\_\_\_\_ 18 \_\_\_, being desirous of admission as a Student of  
 THE INSTITUTION OF CIVIL ENGINEERS, I recommend him, from PERSONAL  
 KNOWLEDGE, as worthy of that privilege, and as coming within the Rules  
 appertaining to that class, viz.: that he is upwards of eighteen years of  
 age, and is under twenty-five years of age, and is, or has been, *bonâ fide*,  
 in the course of preparation and training under me, with the object of  
 becoming engaged in the design or in the construction of such works as  
 are comprised within the profession of a Civil Engineer as defined by the  
 Charter.

\_\_\_\_\_  
 { Signature of the Proposer, who must be a  
 Corporate Member of the Institution.

Signature of the Candidate.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_.

The Council, having considered the above recommendation, admit  
 \_\_\_\_\_ as a Student of  
 THE INSTITUTION OF CIVIL ENGINEERS.

Signed, \_\_\_\_\_

*Chairman.*

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_.

## FORM C.

WE, whose names are hereunto subscribed, submit to the Council of THE INSTITUTION OF CIVIL ENGINEERS the propriety of transferring A \_\_\_\_\_ B \_\_\_\_\_ of \_\_\_\_\_ born on the \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_, from the class of Associate Members, in which he was elected on the \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_, to the class of MEMBERS, because \_\_\_\_\_

*[Here specify distinctly the Qualifications of the Candidate according to the spirit of Article 2, Sect. II. of the By-Laws.]*

Witness our hands this \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_

Signed, \_\_\_\_\_

The Council of THE INSTITUTION OF CIVIL ENGINEERS, meeting on the \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_ transfer A. B. from the class of Associate Members to the class of Members.

Signed, \_\_\_\_\_

*Chairman.*

## FORM D.

SIR,

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18 \_\_\_\_.

I have the honour to inform you that you were duly made a \_\_\_\_\_ of THE INSTITUTION OF CIVIL ENGINEERS, on the \_\_\_\_\_ day of \_\_\_\_\_.

According to the Regulations of the Institution, you are required as \_\_\_\_\_ to pay \_\_\_\_\_ being your admission fee, and subscription for the current year, and to return the accompanying obligation with your signature, within two months of the date of your election [*or transfer*]; otherwise your election [*or transfer*] will be void. These conditions being complied with, you will be considered as a \_\_\_\_\_ of the Institution, when the diploma of your election [*or transfer*], and any publications or notices to which you are entitled, will be forwarded according to your directions.

I beg to direct your attention to Section V. of the By-Laws, and to point out that all annual subscriptions become due on the 1st of January in each year for the year then commencing.

I am, Sir, &c.



## FORM E.

I, the undersigned, having become \_\_\_\_\_ of  
THE INSTITUTION OF CIVIL ENGINEERS, do hereby promise that I will be governed by the Royal Charter of the Institution, and by the By-Laws and Regulations of the said Institution as they are now formed, or as they may hereafter be altered, amended, or enlarged, under the powers of the said Charter; and I promise to promote the objects of the said Institution as far as shall be in my power, and to attend the meetings thereof as often as I conveniently can. Provided that, whenever I shall signify in writing to the Secretary that I am desirous of withdrawing my name therefrom, I shall (after the payment of any arrears which may be due by me at that period) be free from this obligation.

I also engage to present to the Institution an Original Communication, drawing, plan, or model of engineering interest, or some scientific work for the library, within the space of twelve months from the date of my election [*or transfer*].

Witness my hand, this \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_

## FORM F.

SIR,

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18\_\_\_\_.

I have the honour to inform you, that the Council of THE INSTITUTION OF CIVIL ENGINEERS, meeting on the \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_, admitted you as a Student of the Institution.

According to the Regulations of the Institution, you are required to pay the sum of \_\_\_\_\_, being the amount of your first subscription, within two months from the date of your admission, otherwise the admission will be void. When such payment has been made, you will become entitled to the privileges of your class.

I beg to direct your attention to Section V. of the By-Laws, and to point out that all annual subscriptions become due on the 1st of January in each year for the year then commencing.

I am, Sir, &c.

## FORM G.

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18\_\_.

SIR,

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to inform you that by a Resolution passed at a Special Meeting of the Council on the \_\_\_\_\_ of \_\_\_\_\_ they have, acting under the powers conferred upon them by Article 11, Section III. of the By-laws and Regulations of the Institution, ordered your name to be erased from the Register, and have declared you to be no longer a \_\_\_\_\_ of the Institution.

I am, Sir, etc.

## FORM H.

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18\_\_.

SIR,

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to draw your attention to Articles 8 and 10, Section V. of the By-Laws, and to remind you, that the sum of £\_\_\_\_\_ of your annual subscriptions to the funds of the Institution remains unpaid, and that you are in consequence in arrear of subscription. I am also directed to request that you will cause the same to be paid without further delay, otherwise the Council will be under the necessity of exercising their discretion, as to using the power vested in them by Article 10, Section V., of the By-Laws and Regulations.

I am, Sir, &amp;c.

## FORM I.

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18\_\_.

SIR,

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to inform you, that in consequence of the non-payment of your arrears of subscription, and in pursuance of Article 10, Section V., of

the By-Laws and Regulations, the Council have declared by special vote, on the \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_, that you have forfeited your claim in future to belong to the Institution, and your name will be in consequence expunged from the Register or lists, unless payment is made previous to \_\_\_\_\_

But notwithstanding such forfeiture as regards the future, I am directed to call upon you for payment of your arrears amounting to £ \_\_\_\_ : \_\_\_\_ : \_\_\_\_ .

I am, Sir, &c.

LIST OF MEMBERS

2 JULY, 1906.

# The Institution of Civil Engineers.

---

## PAST-PRESIDENTS.

- Mar. 1820. *Thomas Telford*, F.R.S.  
Jan. 1835. *James Walker*, F.R.S.  
Jan. 1845. *Sir John Rennie*, F.R.S.  
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Dec. 1853. *James Simpson*.  
Dec. 1855. *Robert Stephenson*, F.R.S., M.P.  
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Dec. 1859. *George Parker Bidder*.  
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Dec. 1869. *Charles Blacker Vignoles*, F.R.S.  
Dec. 1871. *Thomas Hawksley*, F.R.S.  
Dec. 1873. *Thomas Elliot Harrison*.  
Dec. 1875. *George Robert Stephenson*.  
Dec. 1877. *John Frederic La Trobe Bateman*, F.R.S.  
Dec. 1879. *William Henry Barlow*, F.R.S.  
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June 1887. *Sir GEORGE BARCLAY BRUCE*.  
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May 1891. *Sir George Berkley*, K.C.M.G.  
May 1892. *Harrison Hayter*.  
May 1893. *Alfred Giles*.  
May 1894. *Sir Robert Rawlinson*, K.C.B.  
May 1895. *Sir BENJAMIN BAKER*, K.C.B., K.C.M.G., D.Sc., LL.D., M.A.I., F.R.S.  
June 1896. *Sir JOHN WOLFE BARRY*, K.C.B., LL.D., F.R.S.  
April 1898. *Sir WILLIAM HENRY PREECE*, K.C.B., F.R.S.  
Nov. 1899. *Sir DOUGLAS FOX*.  
Nov. 1900. *James Mansergh*, F.R.S.  
Nov. 1901. *CHARLES HAWKSLEY*.  
Nov. 1902. *JOHN CLARKE HAWKSHAW*, M.A.  
Nov. 1903. *Sir WILLIAM HENRY WHITE*, K.C.B., D.Sc., LL.D., F.R.S.  
Nov. 1904. *Sir GUILFORD LINDSEY MOLESWORTH*, K.C.I.E.

(*The names of those deceased are printed in italics.*)



# The Institution of Civil Engineers.

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\* \* \* *This Council will continue until November, 1906.*

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*Hon. Secretaries* { R. Elliott-Cooper  
A. Ross

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*Vice-Chairmen* { Sir E. Leader Williams  
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Vice-Admiral Sir George  
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(The names of those deceased are printed in italics.)

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## SECTION IV.—MINING AND METALLURGY.

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*Vice-Chairmen* { T. Forster Brown  
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LL.D., F.R.S.  
E. P. Martin  
Sir W. C. Roberts-Austen,  
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*Vice-Chairmen* { James Mansergh, F.R.S.  
Charles Hawksley  
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*Hon. Secretaries* { Lt.-Col. R. E. B. Crompton, C.B.  
James Swinburne  
J. C. Vandreay

(The names of those deceased are printed in italics.)

## ENGINEERING CONFERENCE 1903.

*President*—JOHN CLARKE HAWKSHAW, M.A.

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W. H. Maw  
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R. A. Hadfield  
J. B. Simpson  
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*Vice-Chairmen* { George Chatterton, M.A.  
George F. Deacon, LL.D.  
Walter Hunter  
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James Swinburne

*Hon. Secretaries* { H. R. J. Burstall  
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J. C. Vaudrey



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(*Established 1905*).

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*Hon. Secretaries*.—G. Yecman, 62 Hampton Park, Clifton, Bristol; and T. R. Grigson.

\* \* The Members of Council and Honorary Secretaries are Students of the Institution.



## ENUMERATION.

|                             | 1 July, 1905. | 1 July, 1906. |
|-----------------------------|---------------|---------------|
| HONORARY MEMBERS . . . . .  | 20            | 20            |
| MEMBERS . . . . .           | 2,252         | 2,287         |
| ASSOCIATE MEMBERS . . . . . | 4,175         | 4,259         |
| ASSOCIATES . . . . .        | 271           | 266           |
| STUDENTS . . . . .          | 1,158         | 1,264         |
| TOTAL. . . . .              | 7,876         | 8,096         |

## NOTICE.

It is particularly requested that every change of residence, as well as of Telegraphic Address and Telephone Number, or any inaccuracy or omission in prefixes and dates, may be communicated without delay to

*The Secretary,*

*The Institution of Civil Engineers,*

*Great George Street, Westminster, S.W.*

In the following List the *words* in brackets denote Telegraphic Addresses; the *figures*, Telephone Numbers, referring to the respective local Exchanges.

The prefix (†) indicates the contributor of a Paper published in the Minutes of Proceedings, or of an Engineering Conference Note.

|   |     |   |   |  |
|---|-----|---|---|--|
| „ | (T) | „ | „ | indicates the recipient of a Telford Medal. (1835.)              |
| „ | (t) | „ | „ | Telford Premium. (1835.)   |
| „ | (W) | „ | „ | Watt Medal. (1858.)  |
| „ | (S) | „ | „ | George Stephenson Medal or Prize. (1881.)                        |
| „ | (M) | „ | „ | Miller Scholarship. (1860.)                                      |
| „ | (m) | „ | „ | Miller Prize. (1860.)  |
| „ | (m) | „ | „ | Manby Premium. (1857.)   |
| „ | (H) | „ | „ | Howard Quinquennial Prize. (1872.)                               |
| „ | (C) | „ | „ | Crompton Prize. (1890.)  |
| „ | (t) | „ | „ | Trevithick Premium. (1889.)                                      |
| „ | (f) | „ | „ | James Forrest Medal. (1899.)                                     |
| „ | (J) | „ | „ | Joule Medal. (1897.)   |
| „ | (B) | „ | „ | Bayliss Prize. (1901.)   |
| „ | (L) | „ | „ | deliverer of one of the Special Series of Lectures. (1883-1885.) |
| „ | (F) | „ | „ | deliverer of a James Forrest Lecture. (1893.)                    |
| „ | (*) | „ | „ | a former Student.  |

\* \* The dates in brackets give the years of foundation or inauguration of Medal, Prize, Lecture, etc.

## PATRON.

## HIS MAJESTY EDWARD VII.,

OF THE UNITED KINGDOM OF GREAT BRITAIN AND IRELAND  
AND OF THE BRITISH DOMINIONS BEYOND THE SEA, KING, EMPEROR OF INDIA.

| Date of Election.  | HONORARY MEMBERS.  |
|--------------------|--|
| 1895 Nov. 12.      | { HIS IMPERIAL MAJESTY WILHELM II., GERMAN<br>EMPEROR AND KING OF PRUSSIA.   |
| 1877 Mar. 13.      | HIS MAJESTY LEOPOLD II., KING OF THE BELGIANS.   |
| 1893 May 30.       | H.R.H. GEORGE, PRINCE OF WALES, K.G., P.C.   |
| 1872 May 7.        | H.R.H. ARTHUR, DUKE OF CONNAUGHT, K.G., P.C.   |
| 1903 Apr. 7.       | { H.H. PRINCE AUGUSTE<br>D'ARENBERG .. .. . } { Compagnie Universelle du Canal<br>Maritime de Suez, Rue<br>Charras 9, Paris.         |
| 1883 Dec. 4.       | { Lord ALVERSTONE, G.C.M.G., } Hornton Lodge, Pitt Street,   |
| 1901 Mar. 5.       | { P.C., LL.D. (Cantab.) .. .. } Kensington, W.   |
| 1903 Apr. 7.       | { The Right Hon. JOSEPH<br>CHAMBERLAIN, P.C., F.R.S., } 40 Prince's Gardens, S.W.  |
|                    | { M.P. .. .. . }   |
| 1895 May 21.       | OCTAVE CHANUTE .. .. . { 413 East Huron Street, Chicago,<br>U.S.   |
| 1903 Mar. 3.       | { The Earl of CROMER, O.M.,<br>G.C.B., G.C.M.G., K.C.S.I., } British Agency, Cairo.  |
|                    | { C.I.E., P.C. .. .. . }   |
| 1894 Jan. 9.       | { The Duke of DEVONSHIRE, K.G., } Devonshire House, Piccadilly, W  |
|                    | { P.C., LL.D. (Cantab.) .. .. }  |
| 1901 Apr. 23.      | { Sir JAMES DEWAR, M.A. (Edin.), } Royal Institution, Albemarle<br>LL.D. (Edin., Glas. and St. Street, W.                            |
|                    | { Andrews) .. .. . }   |
| 1903 Apr. 7.       | Sir ARCHIBALD GEIKIE, F.R.S. 3 Sloane Court, S.W.  |
| 1904 Jan. 12.      | { Viscount GOSCHEN, P.C., D.C.L. } Seacox Heath, Hawkhurst,<br>(Oxon.), LL.D. (Cantab.) .. } Sussex.                                 |
| L ✱ { 1874 May 12. | { Lord KELVIN, G.C.V.O., O.M.,<br>P.C., D.C.L. (Oxon.), LL.D. } Netherhall, Largs, Ayrshire.   |
| { 1889 May 21.     | { (Cantab.), F.R.S. (former<br>Member of Council Inst. C.E.) }   |
| 1904 Feb. 2.       | { Viscount KITCHENER OF KHAR-<br>TOUM, General R.E., G.C.B., } Commander-in-Chief of H.M.<br>G.C.M.G., O.M., D.C.L. Forces in India. |
|                    | { (Oxon.), LL.D. (Cantab.) .. }  |
| 1898 Apr. 5.       | Lord LISTER, O.M., D.C.L. (Oxon.) 12 Park Crescent, Portland Place,  |
| 1899 Feb. 7.       | ALFRED PICARD .. .. . 97 Quai d'Orsay, Paris. [W.]   |
| 1891 Jan. 13.      | { Lord RAYLEIGH, O.M., P.C., } Terling Place, Witham, Essex.   |
|                    | { M.A., D.C.L. (Oxon.), D.Sc. (Cantab. and Dubl.), F.R.S. }  |
| 1901 Mar. 5.       | { Sir FREDERICK WILLIAM<br>RICHARDS, G.C.B., Admiral } 34 Hurlingham Court, S.W.   |
|                    | { of the Fleet .. .. . }   |
| 1905 Jan. 10.      | { Lord STRATHCONA AND MOUNT<br>ROYAL, G.C.M.G., P.C., D.C.L. } 28 Grosvenor Square, London, W.                                       |
|                    | { (Oxon.), LL.D. (Cantab.) .. }  |

Total number of Honorary Members .. 20.

## MEMBERS.

[M. Inst. C.E.]

Date of Election  
and of Transfer.

MEMBERS.

|     |                |   |  |
|-----|----------------|---|--|
|     | 1889 Jan. 8.   | ABBATT, RICHARD HENRY ..                            | 33 Mattock Lane, Ealing, W.  |
|     | 1885 Dec. 1.   | *ABBOTT, WILLIAM SUTHER-                            | The Patch, Branksome Park,<br>Bournemouth.                           |
|     | 1898 Nov. 29.  | LAND .. .. .  |  |
| †   | { 1894 Jan. 9. | ABELL, WILLIAM PRICE ..                             | Castle Hill, Duffield, Derby.  |
|     | 1899 Nov. 28.  |   |  |
|     | 1881 Jan. 11.  | *ABERNETHY, GEORGE NEILL ..                         | 4 Delahay Street, Westminster, S.W.                                  |
|     | 1885 May 19.   |   |  |
|     | 1883 May 29.   | ABURROW, CHARLES .. ..                              | Box 534, Johannesburg, Transvaal.                                    |
|     | 1898 Mar. 1.   |   |  |
|     | 1897 Apr. 6.   | { ACLAND, FRANCIS EDWARD DYKE,<br>Captain R.A. ret. | 76 Cheapside, E.C. (Bank 5252.)                                      |
|     | 1891 Dec. 1.   | *ADAM, ROBERT .. .. .                               |  |
|     | 1906 Jan. 30.  |   | Puerto de Alverado 15, Mexico City.                                  |
|     | 1892 Mar. 1.   | *ADAMS, FREDERICK .. ..                             | { Obras del Puerto, Salina Cruz,<br>Oaxaca, Mexico.                  |
|     | 1903 Dec. 22.  |   |  |
|     | 1871 Dec. 5.   | *ADAMS, HENRY .. .. .                               | { 60 Queen Victoria Street, E.C. (Vibur-<br>num, London. Bank 6006.) |
|     | 1883 May 1.    |   |  |
|     | 1896 Dec. 1.   | ADIE, ALFRED EDMOND ..                              | United Service Club, Calcutta.                                       |
|     | 1902 Dec. 2.   |   |  |
|     | 1889 Dec. 3.   | AGNEW, SAMUEL HEWETT ..                             | { c.o. Chas. Tighe & Sons, 42 Lombard<br>Street, E.C.                |
|     | 1898 Apr. 26.  |   |  |
|     | 1904 Jan. 12.  | AIRD, CONRAD KEITH .. ..                            | Strada Bratianu 9, Crajova, Roumania.                                |
| t m | { 1867 May 21. | AIRY, WILFRID, B.A. ( <i>Cantab.</i> )              | { 6 Queen Anne's Gate, Westminster<br>S.W.                           |
|     | 1874 Apr. 21.  |   |  |
| †   | { 1893 Dec. 5. | AITKEN, THOMAS .. .. .                              | County Buildings, Cupar, Fife, N.B.                                  |
|     | 1904 Jan. 19.  |   |  |
|     | 1887 May 24.   | *AKBAR, ALI .. .. .                                 | P.W.D., Ahmedabad, India.  |
|     | 1903 Dec. 22.  |   |  |
| †   | { 1875 Mar. 2. | ALBRECHT, CHARLES JOHN ..                           | 16 Rothsay Road, Bedford.  |
|     | 1879 Dec. 16.  |   |  |
|     | 1901 Apr. 23.  | ALBY, AMÉDÉE MARIE JOSEPH ..                        | 22 Rue de Tocqueville, Paris.  |
|     | 1890 Mar. 4.   | ALEXANDER, ANDREW MILLER                            | Thames Ironworks, Canning Town, E.                                   |
|     | 1888 May 15.   | ALEXANDER, ARTHUR LYON ..                           | Light Ry. Co., Barsi, Bombay.  |
|     | 1889 Apr. 2.   |   |  |
|     | 1880 Dec. 7.   | { ALEXANDER, STANLEY DE VERE<br>HASTINGS .. .. .    | Railway Dept., Sydney, N.S.W.  |
|     | 1892 Feb. 2.   | *ALFORD, JOHN SIDNEY .. ..                          |  |
|     | 1906 Feb. 20.  |   | { 15 Montague Road, Richmond,<br>Surrey.                             |
| †   | { 1879 Feb. 4. | ALFORD, ROBERT GERVAISE,                            | Prison Commission, Home Office.                                      |
|     | 1884 May 27.   | F.R.S.E. .. .. .                                    |  |
|     | 1901 Dec. 3.   | ALLAN, CHARLES EDWARD ..                            | Stormont, Belfast.   |
|     | 1870 Feb. 1.   | ALLAN, GEORGE .. .. .                               | { Broad Street Place, E.C. (Clematis,<br>London. London Wall 2282.)  |
|     |                |   |  |
| †   | { 1890 May 20. | ALLAN, PERCY .. .. .                                | { Roads & Bridges Dept., Sydney,<br>N.S.W.                           |
|     | 1900 Dec. 19.  |   |  |
|     | 1906 Apr. 3.   | ALLEN, EDWARD .. .. .                               | Glentruan, Aigburth Rd., Liverpool.                                  |
|     | 1893 Feb. 7.   | *ALLEN, HERBERT EDWARD ..                           | { Lindenthorpe, Roath Lake (East),<br>Cardiff.                       |
|     | 1900 Jan. 30.  |   |  |
| †   | { 1889 Dec. 3. | ALLN, PARKER ROSCOE ..                              | Waltair, Madras Presidency, India.                                   |
|     | 1901 Dec. 11.  |   |  |
| †   | { 1883 Mar. 6. | ALLEN, WILLIAM HENRY ..                             | { Queen's Engineering Works, Bed-<br>ford.                           |
|     | 1891 Apr. 7.   |   |  |



Date of Election  
and of Transfer.

## MEMBERS.

|       |                                    |  |  |
|-------|------------------------------------|--|--|
| ✠     | 1872 Apr. 9.                       | { ALLEYNE, Sir JOHN GAY<br>NEWTON, Bart. .. .. }   | Chevin, Belper.  |
|       | 1890 May 20.                       | ALLIOTT, JAMES BINGHAM ..  | { Blooms Grove Works, Nottingham.<br>(Manloves, Nottingham.)     |
|       | 1894 Dec. 4.                       | ALLMAN, EDWARD MCCARTHY  | Bellingen, New South Wales.                                      |
|       | 1876 Apr. 4.                       | { ALLOTT, CHARLES SNEATH ..  | { 46 Brown Street, Manchester. (Al-                              |
|       | 1880 Dec. 21.                      |  | lotted, Manchester. 1952.)                                       |
|       | 1872 Feb. 6.                       | ALLPORT, HOWARD ASTON ..   | Dodworth Grove, Barnsley.  |
|       | 1903 Mar. 3.                       | ALLPRESS, VINCENT SYDNEY ..  | 25 Queen Anne's Gate, S.W.                                       |
|       | 1902 Jan. 14.                      | ALSTON, WILLIAM MURRAY ..  | 16 Robertson Street, Glasgow.                                    |
| ✠     | { 1899 Jan. 10.<br>1905 Dec. 19. } | ANDERSON, CHARLES WILLIAM  | Rimswill, Stockton-on-Tees.                                      |
| ✠     | { 1892 May 24.<br>1899 Jan. 10. }  | ANDERSON, FRANCIS PHILIP ..  | King, Hamilton & Co., Calcutta.                                  |
|       | 1880 Feb. 3.                       | ANDERSON, GEORGE .. ..   | 75 Victoria Street, S.W.   |
|       | 1888 May 1.                        | *ANDERSON, JAMES HENRY ..  | { Caledonian Ry., 3 Germiston Street,<br>Glasgow.                |
|       | 1896 Mar. 24.                      |  |  |
|       | 1897 Mar. 2.                       | ANDERSON, JOHN WEMYSS ..   | The University, Liverpool.                                       |
|       | 1906 Jan. 23.                      |  |  |
|       | 1890 Dec. 2.                       | ANDERSON, JOSHUA THOMAS }  | Drainage Board, Dunedin, N.Z.                                    |
|       | 1906 Jan. 9.                       | NOBLE, B.E. (Royal) .. .. }  |  |
|       | 1885 Mar. 3.                       | { ANDERSON, ROBERT, C.M.G. ..  | { Argentine G.W.R., Mendoza, Ar-                                 |
|       | 1891 Nov. 3.                       |  | gentina.   |
|       | 1878 Feb. 5.                       | ANDERSON, WILLIAM .. ..  | { Teesdale Ironworks, Stockton-on-                               |
|       |                                    |  | Tees.  |
|       | 1904 Jan. 12.                      | ANDERSON, WILLIAM HENRY ..   | Olive Bank, Portobello, N.B.                                     |
|       | 1904 Jan. 12.                      | { ANDERSON, WILLIAM<br>PATRICK, Lieut.-Col.<br>Canadian Militia (Member<br>of Council) .. .. } | 64 Cooper Street, Ottawa, Canada.                                |
|       | 1858 Jan. 12.                      | ANDREWS, ARTHUR THOMAS ..  | 26 Fairlawn Park, Chiswick, W.                                   |
|       | 1875 May 11.                       | ANDREWS, EDMUND .. ..  | Warren Lodge, Hampton Wick.                                      |
|       | 1881 May 31.                       |  |  |
|       | 1894 Dec. 4.                       | ANDREWS, GEORGE SAMUEL }   | Box 1,049, Johannesburg, Transvaal.                              |
|       | 1905 Dec. 19.                      | BURT .. .. . }   |  |
| T t ✠ | { 1881 Dec. 6.<br>1888 Jan. 17. }  | ANDREWS, THOMAS, F.R.S. ..   | Wortley Ironworks, near Sheffield.                               |
|       | 1866 Dec. 4.                       | ANDREWS, THORNTON .. ..  | Cefn Eithen, Swansea.  |
|       | 1878 Apr. 9.                       | ANDREWS, WILLIAM .. ..   | 31 Warwick Road, Ealing, W.                                      |
|       | 1877 Mar. 6.                       | ANDREWS, WILLIAM .. ..   | 31 Warwick Road, Ealing, W.                                      |
|       | 1898 Apr. 5.                       | ANGEL, ROBERT JOHN .. ..   | Town Hall, Bermondsey, S.E.                                      |
|       | 1905 Dec. 19.                      |  |  |
|       | 1859 Apr. 5.                       | ANGELL, LEWIS .. .. .  | Calside, Carlisle Road, Eastbourne.                              |
|       | 1866 May 15.                       |  |  |
|       | 1882 Dec. 5.                       | ANGUS, DAVID .. .. .   | Arauco Co., Coronel, Chile.                                      |
|       | 1893 Dec. 19.                      |  |  |
|       | 1887 Feb. 1.                       | ANGUS, JONATHAN .. ..  | { 17 Victoria Street, S.W. (Fuinus,<br>London. Westminster 344.) |
|       | 1894 Mar. 6.                       |  |  |
|       | 1892 Dec. 6.                       | ANSON, ERNEST, M.A. (Oxon.)  | { 28 Victoria Street, S.W. (Ban-                                 |
|       | 1901 Feb. 19.                      |  | dobast, London. Victoria 666.)                                   |
|       | 1891 Dec. 1.                       | *ANTHONY, CHARLES, JUN. ..   | { Municipality, East London, Cape<br>Colony.                     |
|       | 1900 Jan. 30.                      |  |  |
| t ✠   | 1879 Apr. 1.                       | { APJOHN, JAMES HENRY,<br>M.A. (Dubl.) .. .. }   | 17 Victoria Street, S.W. (Upingo,<br>London. Westminster 344.)   |
|       | 1864 Feb. 2.                       | APPLEBY, CHARLES JAMES ..  | { 56 Victoria Street, S.W. (West-                                |
|       | 1877 May 29.                       |  | minster, 5601.)  |
|       | 1863 May 5.                        | APPLETON, EDWARD .. ..   |  |
|       | 1888 Oct. 30.                      |  |  |
|       | 1883 May 1.                        | ARGENTI, EDUARDO .. ..   | 53 Calle de Velazquez, Madrid.                                   |
|       | 1905 Dec. 19.                      |  |  |
|       | 1897 Dec. 7.                       | ARGOLLO, MIGUEL DE TEIVE E   | São Francisco Ry., Alagoinhas, Bahia,                            |
|       | 1885 May 5.                        | ARGYLE, JOHN .. .. .   | Midland Ry., Derby. (Brazil.                                     |

| Date of Election<br>and of Transfer. |                | MEMBERS.  |   |
|--------------------------------------|----------------|---|---|
|                                      | 1902 Mar. 4.   | ARKWRIGHT, BERNARD GEORGE                                 | Elswick Works, Newcastle-on-Tyne.       |
| m                                    | {1877 May 29.  | *ARMSTRONG, WALTER YOUNG ..                               | G. W. Ry., Paddington, W.               |
|                                      | {1890 Feb. 4.  | ARMSTRONG, WILLIAM .. ..                                  | Wingate, co. Durham.                    |
|                                      | {1891 Jan. 13. | ARNOT, WILLIAM .. ..                                      | {163 Hope Street, Glasgow. (Induc-      |
|                                      | {1896 Dec. 22. | ARNOTT, MARMADUKE HENRY                                   | tion, Glasgow. Argyle 638.)             |
|                                      | {1901 Feb. 5.  | *ASHLEY, HERBERT .. ..                                    | King, Hamilton & Co, Calcutta.          |
|                                      | {1899 Feb. 7.  |   | {Waterworks Company, Commercial         |
|                                      | {1905 Dec. 19. |   | Road, Portsmouth.                       |
| ✠                                    | {1892 Dec. 6.  | *ASHTON, HAROLD THOMAS.                                   | Ordnance House, Enfield Lock.           |
|                                      | {1902 Feb. 18. | D.Sc. (Victoria) .. ..                                    |   |
|                                      | 1882 May 2.    | ASKWITH, ROBERT .. ..                                     | {The Hall, Witton-le-Wear, co. Dur-     |
| W t ✠                                | {1881 Feb. 1.  | ASPINALL, JOHN AUDLEY                                     | ham.                                    |
|                                      | {1887 Nov. 22. | FREDERICK .. ..   | Gledhill, Mossley Hill Drive, Liver-    |
|                                      | {1871 Feb. 7.  | ATHERSTONE, GUYBON DAMANT                                 | pool.                                   |
|                                      | {1884 Oct. 14. | ATKINSON, HERBERT JEFCOATE.                               | Box 92, Grahamstown, Cape Colony.       |
|                                      | {1896 Apr. 14. | B.A.I. (Dubl.) .. ..                                      | 25 Roekmount Road, Norwood, S.E.        |
|                                      | {1902 Feb. 11. | ATKINSON, WILLIAM .. ..                                   | Erwood, Beckenham, S.E.                 |
| ✠                                    | {1859 Apr. 5.  | ATTWOOD, GEORGE .. ..                                     | {13 Sise Lane, Queen Victoria St., E.C. |
|                                      | {1878 Feb. 5.  |   | (Wolverly, London. Bank 5897.)          |
|                                      | {1905 Apr. 4.  | AYLMER, RICHARD .. ..                                     | {71 Primrose Mansions, Prince of        |
|                                      | {1865 Feb. 7.  |   | Wales Road, Battersea Park, S.W.        |
|                                      | {1879 Jan. 14. | AYRES, ARTHUR .. ..                                       | Ashleigh, Truro Rd., Wood Green, N.     |
| ✠                                    | {1878 Feb. 5.  |   |   |
|                                      | 1874 Dec. 1.   | *BAGGALLAY, HENRY CHARLES                                 | Blackdown, Bishops Waltham, Hants.      |
|                                      | 1889 Mar. 26.  | BAGLEY, FREDERICK ROBERT ..                               | Chief Eng., N. W. Ry., Lahore, India.   |
|                                      | 1890 Dec. 2.   | BAGNALL, HARVEY,  | Gwelo, Rhodesia.                        |
|                                      | 1886 Jan. 12.  | M.A., B.A.I. (Dubl.) .. ..                                |   |
|                                      | 1888 Oct. 30.  | *BAILEY, ARTHUR STOWEY ..                                 | B.N. Ry., Khargpur, Bengal.             |
|                                      | 1894 Mar. 6.   | BAILEY, FRANK .. ..                                       | 64 Bankside, S.E.                       |
|                                      | 1904 Dec. 13.  | BAILEY, THOMAS HENRY ..                                   | 55 Temple Row, Birmingham.              |
|                                      | 1889 Dec. 3.   | BAILLIE, JONATHAN ROBERT ..                               | {c.o. R. A. Baillie, 9 Lordship Park,   |
|                                      | 1899 Jan. 10.  | BAIN, JAMES .. ..   | Stoke Newington, N.                     |
|                                      | 1896 Feb. 4.   | BAIRD, GEORGE .. ..                                       | Lealholme, Great Crosby, Liverpool.     |
|                                      | 1888 Feb. 7.   |   | {Royal Thames Yacht Club, 7 Alber-      |
|                                      | 1905 Jan. 10.  |   | marle Street, W.                        |
|                                      | 1876 May 30.   | BAKER, Sir BENJAMIN,                                      | 2 Queen Square Place, S.W. (Oligist,    |
| T S t ✠                              | {1867 Dec. 3.  | K.C.B., K.C.M.G., D.Sc. (Can-                             |   |
|                                      | {1877 May 29.  | tab.), LL.D. (Edin.), M.A.I. (Dubl.), F.R.S. (Past-Presi- | dent. Member of Council.)               |
|                                      | 1895 May 21.   | BAKER, HARRY VICTOR SAMPSON                               | 3 Hughenden Road, Clifton, Bristol.     |
|                                      | 1881 Dec. 6.   | BAKER, JOHN BECKETT .. ..                                 | {Club de Residentes Extranjeros,        |
|                                      | 1897 Mar. 29.  |   | Buenos Ayres.                           |
|                                      | 1888 May 15.   | BAKEWELL, WILLIAM NEWTON                                  | {56 South Croxted Road, West            |
|                                      |                |   | Dulwich, S.E.                           |
|                                      | 1877 Feb. 6.   | *BALDRY, HENRY OSBORNE ..                                 | 21 Queen Anne's Gate, S.W.              |
|                                      | 1886 Feb. 9.   | BALE, MANFRED POWIS ..                                    | 7 Walpole Gardens, Chiswick, W.         |
|                                      | 1884 Jan. 8.   |   | {3 St. Nicholas Buildings, Newcastle-   |
|                                      | 1904 Feb. 23.  | BALFOUR, DAVID .. ..                                      |   |
|                                      | 1875 May 4.    |   | on-Tyne. (Balfour, Myre Hall,           |
|                                      | 1889 Apr. 9.   |   | Houghton-le-Spring. Newcastle           |
|                                      |                |   | 2189. Houghton-le-Spring 6.)            |
|                                      | 1892 Mar. 1.   | *BALFOUR, DAVID, Jun. .. ..                               | {3 St. Nicholas Buildings, Newcastle-   |
|                                      | 1901 Feb. 19.  |   | on-Tyne. (2189.)                        |



Date of Election  
and of Transfer.

## MEMBERS.

|       |   |                 |                                    |   |
|-------|---|-----------------|------------------------------------|---|
| m     | ✠ | {1892 May 24.}  | *BALL, JAMES BENJAMIN.. ..         | L.D. & E.C. Ry., Chesterfield.  |
|       |   | {1902 Feb. 11.} |                                    |   |
|       |   | {1874 Mar. 3.}  |                                    |   |
|       |   | {1877 Nov. 27.} |                                    |   |
|       |   | {1898 Dec. 6.}  |                                    |   |
| t     | ✠ | {1893 May 2.}   | BARBER, JAMES PATTEN .. ..         | {Vickers, Sons, and Maxim, Barrow-in-Furness.                               |
|       |   | {1894 Oct. 16.} |                                    |   |
|       |   | {1899 Jan. 10.} |                                    |   |
|       |   | {1885 Dec. 1.}  |                                    |   |
|       |   | {1894 Nov. 6.}  |                                    |   |
| m     | ✠ | {1873 Mar. 4.}  | BARKER, JOHN.. ..                  | {20 Oppidans Rd., Primrose Hill, N.W.                                       |
|       |   | {1877 Nov. 27.} |                                    |   |
|       |   | {1881 Feb. 1.}  |                                    |   |
|       |   | {1889 Mar. 19.} |                                    |   |
|       |   | {1892 Dec. 6.}  |                                    |   |
| W S t | ✠ | {1902 Mar. 11.} | *BARKER, JOHN HENRY .. ..          | {Birmingham Metal and Munitions Co., Ltd., Adderley Park Mills, Birmingham. |
|       |   | {1891 Dec. 1.}  |                                    |   |
|       |   | {1903 Dec. 22.} |                                    |   |
|       |   | {1889 May 7.}   |                                    |   |
|       |   | {1905 Dec. 5.}  |                                    |   |
| t     | ✠ | {1892 Dec. 6.}  | *BARKER, LÉON HARRY .. ..          | {Bengal-Nagpur Ry., Seonee Chappara, India.                                 |
|       |   | {1901 Feb. 12.} |                                    |   |
|       |   | {1872 Dec. 3.}  |                                    |   |
|       |   | {1879 Dec. 23.} |                                    |   |
|       |   | {1880 May 4.}   |                                    |   |
| W S t | ✠ | {1893 Dec. 12.} | *BARKLEY, JOHN GEORGE .. ..        | {S. E. & C. Rys., London Bridge Station, S.E.                               |
|       |   | {1903 Mar. 3.}  |                                    |   |
|       |   | {1881 May 3.}   |                                    |   |
|       |   | {1888 Mar. 6.}  |                                    |   |
|       |   | {1886 Apr. 6.}  |                                    |   |
| t     | ✠ | {1889 Nov. 5.}  | *BARLOW, CRAWFORD, .. ..           | {Shanghai-Nanking Railway, Shanghai, China.                                 |
|       |   | {1897 Jan. 12.} |                                    |   |
|       |   | {1879 Dec. 2.}  |                                    |   |
|       |   | {1890 Apr. 1.}  |                                    |   |
|       |   | {1882 Feb. 7.}  |                                    |   |
| W S t | ✠ | {1874 Apr. 14.} | *BARLOW, EDWIN SYDNEY .. ..        | {North Pier Works, Tynemouth.   |
|       |   | {1881 May 3.}   |                                    |   |
|       |   | {1877 Apr. 10.} |                                    |   |
|       |   | {1879 Dec. 2.}  |                                    |   |
|       |   | {1883 Jan. 9.}  |                                    |   |
| t     | ✠ | {1891 Feb. 3.}  | *BARLOW, HAROLD .. ..              | {Fordwich House, Sturry, Kent.  |
|       |   | {1878 Feb. 5.}  |                                    |   |
|       |   | {1883 May 29.}  |                                    |   |
|       |   | {1887 Apr. 5.}  |                                    |   |
|       |   | {1897 Nov. 30.} |                                    |   |
| T t   | ✠ | {1887 May 24.}  | *BARNABY, SYDNEY WALKER .. ..      | {Grassfield Cottage, Pateley Bridge, Yorks.                                 |
|       |   | {1893 May 16.}  |                                    |   |
|       |   | {1888 Mar. 6.}  |                                    |   |
|       |   | {1886 Apr. 6.}  |                                    |   |
|       |   | {1889 Nov. 5.}  |                                    |   |
| T t   | ✠ | {1897 Jan. 12.} | *BARNES, JOHN FREDERICK .. ..      | {e/o H. S. King & Co., Pall Mall, S.W.                                      |
|       |   | {1879 Dec. 2.}  |                                    |   |
|       |   | {1890 Apr. 1.}  |                                    |   |
|       |   | {1882 Feb. 7.}  |                                    |   |
|       |   | {1874 Apr. 14.} |                                    |   |
| t     | ✠ | {1881 May 3.}   | *BARNETT, MICHAEL RATCLIFFE .. ..  | {The Hollies, Chiswick Mall, W.   |
|       |   | {1877 Apr. 10.} |                                    |   |
|       |   | {1879 Dec. 2.}  |                                    |   |
|       |   | {1883 Jan. 9.}  |                                    |   |
|       |   | {1891 Feb. 3.}  |                                    |   |
| T t   | ✠ | {1878 Feb. 5.}  | *BARNETT, PATRICK MOIR .. ..       | {Engineer, P.W.D., Natal.   |
|       |   | {1883 May 29.}  |                                    |   |
|       |   | {1887 Apr. 5.}  |                                    |   |
|       |   | {1897 Nov. 30.} |                                    |   |
|       |   | {1887 May 24.}  |                                    |   |
| t     | ✠ | {1893 May 16.}  | *BARR, GEORGE MORRISON .. ..       | {124 St. Vincent Street, Glasgow.   |
|       |   | {1888 Mar. 6.}  |                                    |   |
|       |   | {1886 Apr. 6.}  |                                    |   |
|       |   | {1889 Nov. 5.}  |                                    |   |
|       |   | {1897 Jan. 12.} |                                    |   |
| T t   | ✠ | {1879 Dec. 2.}  | *BARR, JAMES .. ..                 | {Ivy Lodge, Westfield Terrace, Aberdeen.                                    |
|       |   | {1883 Jan. 9.}  |                                    |   |
|       |   | {1891 Feb. 3.}  |                                    |   |
|       |   | {1878 Feb. 5.}  |                                    |   |
|       |   | {1883 May 29.}  |                                    |   |
| T t   | ✠ | {1887 Apr. 5.}  | *BARRASS, SAMUEL .. ..             | {University, Glasgow.   |
|       |   | {1897 Nov. 30.} |                                    |   |
|       |   | {1887 May 24.}  |                                    |   |
|       |   | {1893 May 16.}  |                                    |   |
|       |   | {1888 Mar. 6.}  |                                    |   |
| T t   | ✠ | {1886 Apr. 6.}  | *BARRETO, ANTONIO PAULO DE .. ..   | {Dunedin, Otago, N.Z.   |
|       |   | {1889 Nov. 5.}  |                                    |   |
|       |   | {1897 Jan. 12.} |                                    |   |
|       |   | {1879 Dec. 2.}  |                                    |   |
|       |   | {1883 Jan. 9.}  |                                    |   |
| T t   | ✠ | {1891 Feb. 3.}  | *BARRON, JAMES .. ..               | {221 West George Street, Glasgow.   |
|       |   | {1878 Feb. 5.}  |                                    |   |
|       |   | {1883 May 29.}  |                                    |   |
|       |   | {1887 Apr. 5.}  |                                    |   |
|       |   | {1897 Nov. 30.} |                                    |   |
| T t   | ✠ | {1887 May 24.}  | *BARROW, WALTER DUNCAN .. ..       | {10 Bevington Road, Beckenham.  |
|       |   | {1893 May 16.}  |                                    |   |
|       |   | {1888 Mar. 6.}  |                                    |   |
|       |   | {1886 Apr. 6.}  |                                    |   |
|       |   | {1889 Nov. 5.}  |                                    |   |
| T t   | ✠ | {1897 Jan. 12.} | *BARRY, ARTHUR JOHN .. ..          | {Donna Luiza 17, Rio de Janeiro.  |
|       |   | {1879 Dec. 2.}  |                                    |   |
|       |   | {1883 Jan. 9.}  |                                    |   |
|       |   | {1891 Feb. 3.}  |                                    |   |
|       |   | {1878 Feb. 5.}  |                                    |   |
| T t   | ✠ | {1883 May 29.}  | *BARRINGTON, WILLIAM .. ..         | {7 The Sanctuary, Westminster, S.W.   |
|       |   | {1887 Apr. 5.}  |                                    |   |
|       |   | {1897 Nov. 30.} |                                    |   |
|       |   | {1887 May 24.}  |                                    |   |
|       |   | {1893 May 16.}  |                                    |   |
| T t   | ✠ | {1888 Mar. 6.}  | *BARRY, Sir JOHN WOLFE, .. ..      | {21 Delahay Street, Westminster, S.W. (Consilium, London, Westminster 24.)  |
|       |   | {1886 Apr. 6.}  |                                    |   |
|       |   | {1889 Nov. 5.}  |                                    |   |
|       |   | {1897 Jan. 12.} |                                    |   |
|       |   | {1879 Dec. 2.}  |                                    |   |
| T t   | ✠ | {1883 Jan. 9.}  | *BARTHOLOMEW, WILLIAM HAMOND .. .. | {Aire and Calder Office, Leeds.   |
|       |   | {1891 Feb. 3.}  |                                    |   |
|       |   | {1878 Feb. 5.}  |                                    |   |
|       |   | {1883 May 29.}  |                                    |   |
|       |   | {1887 Apr. 5.}  |                                    |   |
| T t   | ✠ | {1897 Nov. 30.} | *BARTLETT, JAMES HERBERT .. ..     | {Middlesborough, Kentucky, U.S.   |
|       |   | {1887 May 24.}  |                                    |   |
|       |   | {1893 May 16.}  |                                    |   |
|       |   | {1888 Mar. 6.}  |                                    |   |
|       |   | {1886 Apr. 6.}  |                                    |   |
| T t   | ✠ | {1889 Nov. 5.}  | *BARTLETT, THOMAS WALTER .. ..     | {H. S. King & Co., Pall Mall, S.W.  |
|       |   | {1897 Jan. 12.} |                                    |   |
|       |   | {1879 Dec. 2.}  |                                    |   |
|       |   | {1883 Jan. 9.}  |                                    |   |
|       |   | {1891 Feb. 3.}  |                                    |   |

|       | Date of Election<br>and of Transfer. | MEMBERS.  |   |
|-------|--------------------------------------|---|---|
|       | 1881 Feb. 1.}                        | BARTON, EDWARD GOLDING ..   | P.W.D., Darbhanga, Bengal.  |
|       | 1884 Mar. 4.}                        |   |   |
| T ✦   | 1853 Mar. 1. }                       | { BARTON, JAMES, B.A. ( <i>Dubl.</i> )<br>(former Member of Council.) }                               | Exchange Buildings, Dundalk.<br>(Barton, Exchange, Dundalk.)                              |
|       | 1881 Feb. 1. }                       | *BARTON, Sir JOHN GEORGE, C.B.  | Valuation Office, Dublin.   |
|       | 1896 Feb. 4. }                       |   |   |
|       | 1904 Feb. 2. }                       | BASSET, WALTER BASSETT ..   | Watermouth Castle, Ilfracombe.  |
|       | 1883 Feb. 6. }                       |   |   |
|       | 1895 Apr. 2. }                       | BASSETT, ALEXANDER BARKER   | Cheverell, Llandaff.  |
|       | 1892 Mar. 1. }                       |   |   |
|       | 1902 Dec. 16. }                      | *BATCHIEN, THOMAS MACKENZIE   | { Board of Public Works, Custom<br>House, Dublin.   |
|       | 1888 Dec. 4. }                       |   |   |
|       | 1895 Oct. 22. }                      | BATES, ONWARD .. .. .   | { Bates & Rogers Construction Co.,<br>1203 Manhattan Bldg., Chicago, U.S.                 |
|       | 1899 Dec. 5. }                       |   |   |
|       | 1905 Jan. 31. }                      | BATES, WILLIAM .. .. .  | { Corporation Electricity Works, Bir-<br>kenhead.   |
|       | 1887 Dec. 6. }                       |   |   |
|       | 1906 Jan. 9. }                       | *BATLEY, CHARLES JOSEPH ..  | { Oldham Waterworks, Piethorn,<br>Rochdale.   |
|       | 1893 Dec. 5. }                       |   |   |
|       | 1904 Dec. 13. }                      | BAXTER, GEORGE .. .. .  | 93 Commercial Street, Dundee.   |
|       | 1878 Dec. 3. }                       |   |   |
|       | 1885 Mar. 3. }                       | BAXTER, WILLIAM .. .. .   | 2 Palmerston Road, Edinburgh.   |
|       | 1894 May 8. }                        | *BAYER, CHARLES ALBERT ..   | { Hydraulic Engineer's Office, Ade-<br>laide, South Australia.                            |
|       | 1875 Feb. 2. }                       |   |   |
|       | 1883 May 29. }                       | BAYLEY, KENNETT .. .. .   | Milford House, co. Carlow.  |
|       | 1900 Mar. 27. }                      |   |   |
|       | 1895 May 21. }                       | BAYLISS, GEORGE REGINALD ..   |   |
|       | 1874 Jan. 13. }                      |   |   |
| m m ✦ | 1879 Apr. 8. }                       | *BAZALGETTE, EDWARD .. .  | { 11 Cornhill, E.C. (Sorrowful, London.)<br>Cherney, Arthur Road, Wimbledon<br>Park, S.W. |
|       | 1900 Jan. 9. }                       |   |   |
|       | 1905 Feb. 7. }                       | BEARD, EDWIN THOMAS .. ..   | 4 The Crescent, Scarborough.  |
|       | 1885 May 19. }                       |   |   |
| t ✦   | 1893 Feb. 7. }                       | { *BEARE, Professor THOMAS<br>HUDSON, B.A. ( <i>Adelaide</i> ),<br>B.Sc. ( <i>Lond.</i> ), F.R.S.E. } | Engineering Laboratory, University,<br>Edinburgh.   |
|       | 1875 Mar. 2. }                       |   |   |
| W t ✦ | 1886 Feb. 16. }                      | BEAUMONT, WILLIAM WORBY   | { 22 Outer Temple, 222 Strand, W.C.<br>(Vibromotor, Lond. Gerrard 4160.)                  |
|       | 1889 Dec. 3. }                       |   |   |
|       | 1905 Dec. 19. }                      | *BECHER, HARRY, B.A. ( <i>Dubl.</i> )   | { London County Council, Spring<br>Gardens, S.W.  |
|       | 1889 May 21. }                       |   |   |
| S t ✦ | 1895 Nov. 26. }                      | BECKETT, WILLIAM THOMAS   | { Corporation of Western Egypt, Ltd.,<br>Sharia, Kasr-el-Nil, Cairo.                      |
|       | 1884 May 27. }                       |   |   |
|       | 1897 Mar. 15. }                      | CLIFFORD .. .. .  | { Carisbrook, Victoria Park, Man-<br>chester.   |
|       | 1894 Jan. 9. }                       |   |   |
|       | 1902 Dec. 16. }                      | BEDSON, JOSEPH PHILLIPS ..  |   |
|       |                                      |   |   |
|       |                                      | BEESLEY, WALTER .. .. .   | 11 Victoria Street, S.W.  |
|       |                                      |   |   |
|       | 1904 Jan. 12. }                      | BEHR, HANS CHARLES .. ..  | { P.O. Box 1167, Johannesburg, Trans-<br>vaal.  |
|       | 1893 Dec. 5. }                       |   |   |
|       | 1901 Feb. 5. }                       | BELL, ARCHIBALD GRAEME ..   | P.W.D., Georgetown, Demerara.   |
|       | 1881 Dec. 6. }                       |   |   |
|       | 1890 May 20. }                       | *BELL, ARTHUR WILBRAHAM   | { P.W.D., Perth, Western Australia.   |
|       | 1897 Dec. 7. }                       | DILLON .. .. .  |   |
|       | 1902 Mar. 11. }                      |   |   |
|       | 1866 Feb. 6. }                       | BELL, GEORGE JOSEPH .. ..   | County Surveyor, Carlisle.  |
| ✦     | 1878 Dec. 3. }                       |   |   |
|       | 1867 May 21. }                       | BELL, HENRY PURDON .. ..  | { Georgian Bay Canal Survey, Corry<br>Block, Ottawa.                                      |
| t ✦   | 1868 Apr. 21. }                      |   |   |
|       |                                      | BELL, IMRIE .. .. .   | 49 Dingwall Road, Croydon.  |
|       |                                      |   |   |
|       | 1896 Dec. 1. }                       | BELL, JAMES .. .. .   | { 22 Wilton Road, Craigmillar Park,<br>Edinburgh.   |
| t ✦   | 1879 Dec. 2. }                       |   |   |
|       | 1895 Dec. 3. }                       | BELL, JAMES RICHARD .. ..   | 25 Victoria Street, S.W.  |
|       | 1902 Feb. 11. }                      |   |   |
|       | 1896 Apr. 14. }                      | BELL, LEONARD MOORE .. ..   | Municipal Engineer, Penang, S.S.  |
|       | 1903 Mar. 31. }                      |   |   |
|       |                                      | *BELL, NORRIS GARRETT .. ..   | { Railway Dept., Brisbane, Queens-<br>land.   |

| Date of Election<br>and of Transfer. |  | MEMBERS.   |  |
|--------------------------------------|--|--|--|
| 1904 Dec. 6.                         | BELL, THOMAS .. .. .   | John Brown and Co., Clydebank.   |  |
| 1869 May 4.                          | BELL, VALENTINE GREME, C.M.G.  | Director of Public Works, Jamaica.                                     |  |
| 1882 Dec. 5.                         | BELL, WILLIAM REID .. .. .   | { Box 2263, 57 Steytter's Buildings,<br>Loveday Street, Johannesburg.  |  |
| 1894 Jan. 30.                        |  |  |  |
| † (1892 Dec. 6.)                     | *BELLAMY, CHARLES VINCENT  | 27 Peverell Park Road, Plymouth.                                       |  |
| 1901 Feb. 19.                        | BELLAMY, GEORGE DAVID ..   | 6A Courtenay Street, Plymouth.   |  |
| 1885 May 5.                          |  |  |  |
| 1880 Dec. 7.                         | *BELLASIS, EDWARD SKELTON  | 7 Pembroke Vale, Clifton.  |  |
| 1897 Nov. 30.                        | *BELLINGHAM, AUGUSTUS WIL-<br>LIAM HARVEY .. .. .                    | Tientsin, North China.   |  |
| 1880 Feb. 3.                         |  |  |  |
| 1902 Dec. 16.                        |  |  |  |
| 1871 Dec. 5.                         | BENEDICT, ERNEST .. .. .   | { Clun House, Surrey Street, W.C.<br>(Central 6635.)                   |  |
| 1893 Jan. 10.                        | *BENGOUGH, CYRIL FRANCIS ..  | Old Station House, Witton-le-Wear.                                     |  |
| 1904 Feb. 16.                        |  |  |  |
| 1905 Dec. 5.                         | BENSEL, JOHN ANDERSON ..   | Bernardsville, New Jersey, U.S.A.                                      |  |
| 1889 Dec. 3.                         | *BENT, BALDWIN HARRY,  | Heysham Harbour, Lancashire.   |  |
| 1899 Jan. 17.                        | M.A. ( <i>Cantab.</i> ) .. .. .                                      |  |  |
| 1893 Jan. 10.                        | BENTON, JOHN, C.I.E., F.C.H.   | c.o. H. S. King & Co., Pall Mall, S.W.                                 |  |
| 1884 Dec. 2.                         | { BERESFORD, JOHN STUART, C.I.E.,<br>M.E. ( <i>Queen's</i> ) .. .. . | { Grindlay and Co., 54 Parliament<br>Street, S.W.                      |  |
|                                      |  |  |  |
| 1877 Apr. 10.                        | BERNAYS, JOSEPH .. .. .  | { Blenheim Club, St. James's Square,<br>S.W.                           |  |
| 1884 Apr. 1.                         |  |  |  |
| 1895 Feb. 5.                         | BERNAYS, LEWIS ADOLPHUS,   | Northern Railways, Townsville,<br>Queensland.                          |  |
| 1899 Nov. 28.                        | Jun. .. .. .   |  |  |
| 1873 Feb. 4.                         | *BERRELL, WILLIAM .. .. .  | { Thames Conservancy, Victoria Em-<br>bankment, E.C.                   |  |
| 1887 Feb. 22.                        |  |  |  |
| 1885 May 19.                         | { BERRIER-FONTAINE, JEAN-BAP-<br>TISTE LOUIS FÉLIX MARC ..           | Boulevard de Strasburg 16, Toulon-<br>sur-mer (Var), France.           |  |
| † (1885 Dec. 1.)                     | BERRINGTON, RICHARD EVANS  |  |  |
| 1902 Dec. 16.                        | WILLOUGHBY .. .. .   | Graiseley, Wolverhampton.  |  |
| 1879 Feb. 4.                         | BERTODANO, CHARLES EDMUND DE   | { 47 Victoria Street, S.W. (Euripides,<br>London.)                     |  |
| 1892 Nov. 22.                        |  |  |  |
| 1890 Feb. 4.                         | BESANT, FREDERICK WILLIAM  | { Wimborne Engineering Works,<br>Wimborne, Dorset.                     |  |
| 1903 Feb. 10.                        |  |  |  |
| 1882 May 2.                          | *BEST, CHARLES WILLIAM ..  | County Surveyor, Brecon.   |  |
| 1894 May 22.                         |  |  |  |
| 1899 Dec. 5.                         | BEVIS, R. RATSEY .. .. .   | Ironworks, Birkenhead.   |  |
| 1882 Feb. 7.                         | *BEWICK, THOMAS BURRELL ..   | { 20 Copthall Avenue, E.C. (Bewick,<br>London. London Wall 758.)       |  |
| 1896 Dec. 22.                        |  |  |  |
| 1882 Mar. 7.                         | BEWLAY, HUBERT .. .. .   | Thomas Piggott & Co., Birmingham.                                      |  |
| 1901 Feb. 19.                        |  |  |  |
| 1882 Feb. 7.                         | BEZZI, Chev. TOMASO GAUDENZIO  | Ypiranga Works, São Paulo, Brazil.                                     |  |
| 1894 May 1.                          | BICKNELL, ROBERT HENRY ..  | { Local Government Board, White-<br>hall, S.W.                         |  |
| 1898 Dec. 20.                        |  |  |  |
| 1878 Mar. 5.                         | BIDDER, BARTHOLOMEW PARKER   | { c.o. Everett & Co., 61 Collier Street,<br>King's Cross, N.           |  |
| T t † 1900 Jan. 9.                   | BIDDER, FREDERICK WILLIAM  | 13 Victoria Street, S.W.   |  |
| 1903 Apr. 7.                         | BIDWELL, HARRY SHELFORD ..   |  |  |
| † 1897 Apr. 6.                       | BILES, Professor JOHN HARVARD  | 10 University Gardens, Glasgow.  |  |
| 1897 Feb. 2.                         | *BINGHAM, PERCY MOORE ..   | P.W.D., Anuradhapura, Ceylon.  |  |
| 1904 Dec. 13.                        |  |  |  |
| T S t † (1865 Feb. 7.)               | BINNIE, Sir ALEXANDER  | 9 Great George Street, S.W. (Arbin-<br>tro, London. Westminster 5070.) |  |
| 1873 May 20.                         | RICHARDSON ( <i>President</i> ) ..                                   |  |  |
| 1892 Dec. 6.                         | *BINNIE, WILLIAM JAMES EAMES,  | 9 Great George Street, S.W. (Arbin-<br>tro, London. Westminster 5070.) |  |
| 1900 Dec. 19.                        | B.A. ( <i>Cantab.</i> ) .. .. .                                      | { Dippenhall Cottage, Farnham,<br>Surrey.                              |  |
| 1885 May 19.                         | BIRKBECK, MORRIS .. .. .   | c.o. H. S. King & Co., Pall Mall, S.W.                                 |  |
| 1882 Apr. 4.                         | BIRKINSHAW, ARTHUR HENRY   | Caledonian Railway, Glasgow.   |  |
| 1893 Nov. 7.                         |  |  |  |
| 1900 Dec. 4.                         | BISHOP, ALEXANDER .. .. .  | Charemont, Cape Town, C.C.   |  |
| 1870 Dec. 6.                         | BISSET, JAMES .. .. .  |  |  |
| 1877 Oct. 30.                        |  |  |  |



| Date of Election<br>and of Transfer. | MEMBERS.                               |   |
|--------------------------------------|--|---|
| 1875 May 4.}                         | BLABER, CHARLES OLIVER ..              | { Eversleigh, Sydney Road, Hayward's Heath. |
| 1898 Apr. 5.}                        |  |   |
| 1897 Apr. 6.}                        | BLACK, ROBERT SMITH .. ..              | { Algeciras Railway, Gibraltar.             |
| 1903 Dec. 22.}                       |  |   |
| 1888 Jan. 10.}                       | BLACKBURN, ALEXANDER BE-               | { Hemet, Riverside County, Cal.,            |
| 1892 Mar. 8.}                        | WICKE .. .. .                          | { U.S.A.                                    |
| 1904 Mar. 1.                         | BLACKWELL, KENNET WILLIAM              | { Montreal Steel Works, Montreal, Canada.   |
| 1884 Feb. 5.}                        | *BLAIR, WILLIAM NISBET .. ..           | { Vestry Hall, St. Pancras Road, N.W.       |
| 1897 Feb. 23.}                       |  |   |
| 1873 Mar. 4.}                        | BLAKESLEY, THOMAS HOLMES,              | { The Elms, Eliot Park, Blackheath,         |
| 1885 Jan. 27.}                       | M.A. ( <i>Cantab.</i> ) .. .. .        | { S.E.                                      |
| 1856 Mar. 4.                         | BLAKISTON, MATTHEW .. ..               | { Free Hills, Bursledon, Southampton.       |
| 1895 Dec. 3.                         | BLIGH, WILLIAM GEORGE .. ..            | { Iford, near Lewes, Sussex.                |
| †{1887 Apr. 5.}                      | *BLOMFIELD, HAROLD ARTHUR              | { Department of Public Works, Wol-          |
| †{1894 Feb. 27.}                     |  | { longong, New South Wales.                 |
| †{1878 Mar. 5.                       | BLOOD, BAGOT WILLIAM .. ..             | { Albert House, Dalkey, co. Dublin.         |
| 1863 May 5.                          | BLOUNT, JOHN DARELL .. ..              | { Mapledurham, Reading.                     |
| 1877 Dec. 4.}                        | BLOXSOM, MARTIN, B.A. ( <i>Lond.</i> ) | { Hazlewood, Crumpsall Green, Man-          |
| 1901 Feb. 19.}                       |  | { chester.                                  |
| 1887 Feb. 1.}                        | *BLUETT, FREDERICK .. .. .             | { F.C. B.A. Pacifico, 25 de Mayo 277,       |
| 1903 Dec. 22.}                       |  | { Buenos Aires.                             |
| 1886 Jan. 12.}                       | BLUNDELL, HARRY .. .. .                | { Cheshire Lines, Central Station,          |
| 1899 Nov. 28.}                       |  | { Liverpool.                                |
| †{1877 Feb. 6.}                      | *BLYTH, BENJAMIN HALL,                 | { 17 Palmerston Place, Edinburgh.           |
| †{1892 May 24.}                      | M.A. ( <i>Edin.</i> ), F.R.S.E.        | { (Member of Council.) .. .. .              |
| †{1901 Dec. 17.}                     | *BODY, JOHN BENJAMIN .. ..             | { Puente de Alvarado 15, Mexico City.       |
| 1900 Feb. 6.                         | BOGART, JOHN .. .. .                   | { 16 Exchange Place, New York, U.S.         |
| 1866 Apr. 10.}                       | BOHN, GEORGE .. .. .                   | { Imperial Chambers, Hull.                  |
| 1877 Nov. 13.}                       |  |   |
| 1891 Feb. 3.                         | { BOLLER, ALFRED PANCOAST,             | { 1 Nassau Street, New York, U.S.           |
| †{1887 Feb. 1.                       | M.A. ( <i>Penn.</i> ) .. .. .          | { Calcutta.                                 |
| 1884 Feb. 5.}                        | BOLTON, ALEXANDER JOSEPH               | { 188 West Regent Street, Glasgow.          |
| 1896 Nov. 16.}                       | BONN, CARL RODERIQUE LOUIS             | { (24 Douglas.)                             |
| †{1876 May 2.}                       | MENNI .. .. .                          | { Lalpuri, Silchester Road, Glena-          |
| †{1878 Dec. 31.}                     | BOOTH, ROBERT BELL .. ..               | { garey, co. Dublin.                        |
| 1891 Feb. 3.}                        |  |   |
| 1901 Dec. 17.}                       | *BORROWMAN, WILLIAM CAMERON            | { Strathmore, West Hartlepool.              |
| 1904 Dec. 6.                         | BOSE, LALIT MOHAN .. ..                | { Bombay P.W.D., Surat, India.              |
| 1878 May 7.                          | BOSTOCK, JOHN HENRY .. ..              | { Harbour Works, Colombo, Ceylon.           |
| †{1879 Feb. 4.}                      | BOSWELL, ST. GEORGE JAMES,             | { Harbour Works, Quebec, Canada.            |
| †{1892 Nov. 1.}                      | B.Sc. ( <i>McGill</i> ) .. .. .        | {   |
| 1877 Feb. 6.}                        |  |   |
| 1897 Mar. 2.}                        | BOTLEY, CHARLES EDWARD ..              | { Gasworks, Hastings.                       |
| 1890 Dec. 2.}                        |  |   |
| 1895 Oct. 22.}                       | BOUCHER, ARTHUR SACKVILLE              | { Sharpcliffe Hall, Ipstones, Stoke-on-     |
| †{1874 Feb. 3.}                      | *BOULNOIS, HENRY PERCY ..              | { Trent.                                    |
| †{1878 Apr. 16.}                     |  | { Local Government Board, White-            |
| 1886 Jan. 12.}                       |  | { hall, S.W.                                |
| 1896 May 19.}                        | *BOURKE, WALTER LONGLEY ..             | { Moneyrower, Maidenhead.                   |
| †{1876 Dec. 5.}                      | *BOVEY, HENRY TAYLOR,                  | { McGill University, Montreal, Canada.      |
| †{1886 May 18.}                      | M.A., LL.D. ( <i>Cantab.</i> ), F.R.S. | { (former Member of Council.)               |
| 1893 Apr. 11.}                       | BOWDEN, HENRY WHITE .. ..              | { 3 Amersham Road, Putney Hill,             |
| 1904 Dec. 13.}                       |  | { S.W. (Battersea 392.)                     |
| 1889 Dec. 3.}                        | BOWER, THOMAS .. .. .                  | { Ribble House, West Hartlepool.            |
| 1900 Dec. 19.}                       |  |   |
| 1876 Apr. 4.}                        | BOWSTEAD, CHARLES JAMES ..             | { Hyde Grange, Chalford, Glos.              |
| 1881 Feb. 22.}                       |  |   |

Date of Election  
and of Transfer.

## MEMBERS.

|       |                  |                               |                                     |
|-------|------------------|-------------------------------|-------------------------------------|
|       | 1882 Apr. 4.     | *BOYCE, HENRY GEORGE, F.C.H.  | Allahabad, India.                   |
|       | 1894 Oct. 30.    |                               |                                     |
| †     | { 1854 Jan. 10.  | BOYLE, RICHARD VICARS, C.S.I. |                                     |
|       | { 1860 Feb. 14.  |                               |                                     |
|       | 1884 Dec. 2.     | *BOYNTON, FRANCIS,            |                                     |
|       | 1893 May 16.     | Lieut.-Colonel R.E.           | R. E. Office, Warwick.              |
|       | 1893 Dec. 5.     |                               |                                     |
|       | 1903 Dec. 22.    | *BRADLEY, JAMES WILLIAM ..    | City Hall, Charing Cross Road, W.C. |
| C t   | † { 1883 May 29. | BRADY, ALFRED BARTON ..       | Under Secretary, D.P.W., Brisbane,  |
|       | { 1895 Jan. 29.  |                               | Queensland.                         |
|       | 1868 May 5.      | BRADY, FRANCIS .. ..          | 12 St. Edmund's Terrace, N.W.       |
| †     | { 1875 Dec. 7.   | BRADY, JOSEPH . . . .         | 367 Collins St., Melbourne, Vic-    |
|       | { 1878 Dec. 3.   |                               | toria.                              |
|       | 1877 May 1.      | BRAMALL, HENRY .. ..          | Pendlebury Collieries, near Man-    |
|       |                  |                               | chester.                            |
|       | 1897 Apr. 6.     | *BRAND, ALLEN MASON ..        | c.o. W. S. Ogle, Delville, Reigate, |
|       |                  |                               | Surrey.                             |
| Tt Mm | † { 1883 May 28. | *BREBNER, ALAN, B.Sc. (Edin.) | Dominion Lighthouse Depôt, Pres-    |
|       | { 1899 Nov. 28.  |                               | cott, Ontario, Canada.              |
| †     | { 1898 Dec. 6.   | BREMNER, CHARLES EDWARD       | Waimate, South Canterbury, N.Z.     |
|       | { 1905 Dec. 19.  |                               |                                     |
|       | 1874 May 5.      | BRENAN, GEORGE WOULFE ..      | Albany Street Chambers, Oban,       |
|       | 1899 Jan. 10.    |                               | N.B.                                |
|       | 1891 Dec. 1.     | BRERETON, ALFRED, C.S.I. ..   | Grindlay & Co., Parliament Street,  |
|       |                  |                               | S.W.                                |
|       | 1880 Feb. 3.     | { BRERETON, CUTHBERT          | 21 Delahay St., Westminster, S.W.   |
|       |                  | ARTHUR (Member of Council.)   | (Consilium, London. Westminster     |
|       |                  |                               | 24.)                                |
|       | 1865 Jan. 10.    | BRERETON, ROBERT MAITLAND     | Woodstock, near Portland, Oregon,   |
|       |                  |                               | U.S.                                |
|       | 1878 Mar. 5.     |                               |                                     |
|       | 1885 Feb. 3.     | BRETLAND, JOSIAH CORBETT ..   | Bramcote, Craigavad, co. Down.      |
|       | 1901 Feb. 5.     | BRIAN, SANTIAGO .. ..         | 31 Avenida Republica, Buenos Aires. |
|       | 1881 Mar. 1.     |                               |                                     |
|       | 1891 Apr. 21.    | *BRIGGS, JAMES .. ..          | Midland Railway, Derby.             |
|       | 1881 Dec. 6.     |                               |                                     |
|       | 1893 Nov. 7.     | BRIGGS, JOHN HENRY .. ..      | Howden, East Yorks.                 |
|       | 1896 May 5.      | BRIGGS, ROSWELL EMMONS ..     | Apartado 561, Mexico.               |
| t m   | † { 1889 Dec. 3. | *BRIGHTMORE, ARTHUR WILLIAM,  |                                     |
|       | { 1896 Nov. 24.  | D.Sc. (Victoria) .. ..        | Egham Hill, Egham, Surrey.          |
|       | 1874 Mar. 3.     | BRIND, ALFRED WALTER ..       | 19 Madeley Road, Ealing, W.         |
| T t   | † { 1874 May 5.  | BRITTLE, JOHN RICHARD,        | Farad Villa, Vanbrugh Hill, Black-  |
|       | { 1886 Mar. 1.   | F.R.S.E. .. ..                | heath, S.E.                         |
|       | 1868 Dec. 1.     | BROADRICK, GEORGE, F.R.S.E.   | Broughton House, Broughton Road,    |
|       |                  |                               | Ipswich.                            |
|       | 1865 Feb. 7.     |                               |                                     |
|       | 1877 Mar. 13.    | BROCK, WALTER .. ..           | Denny Brothers, Dumbarton.          |
|       | 1890 Jan. 14.    |                               |                                     |
|       | 1897 Dec. 7.     | BRODIE, JOHN ALEXANDER ..     | City Engineer, Liverpool.           |
|       | 1886 Dec. 7.     |                               |                                     |
|       | 1902 Mar. 4.     | *BRODIE, ROBERT .. ..         | 17 Priory Street, Birkenhead.       |
|       | 1893 Dec. 5.     | BROË, VICTOR EDGAR DE         | North Western Railway, Lahore,      |
|       | 1896 Nov. 24.    | BIRCHIN DE .. ..              | India.                              |
|       | 1871 May 23.     |                               |                                     |
|       | 1889 Nov. 26.    | BROMLEY, WALTER BRANDRETH     | Chakrata, Brittany Road, St.        |
|       |                  |                               | Leonards.                           |
|       | 1883 Jan. 9.     |                               |                                     |
|       | 1889 Nov. 15.    | *BROOKHOUSE, ROBERT HAROLD    | Calle B. Mitre 544 (altos) Buenos   |
|       |                  |                               | Aires                               |
|       | 1877 Dec. 4.     |                               |                                     |
|       | 1892 Nov. 15.    | BROOM, GEORGE JAMES COTTOM    | Boro' Engineer, St. Helens, Lancs.  |
|       | 1876 Jan. 11.    |                               |                                     |
|       | 1885 May 12.     | *BROUNGER, RICHARD ERNEST ..  | Box 62, San José, Costa Rica.       |



| Date of Election<br>and of Transfer. |                 | MEMBERS.  |  |
|--------------------------------------|-----------------|---|--|
|                                      | 1885 Dec. 1.    | *BROUNGER, SYDNEY GEORGE ..                                 | 27 Harvard Road, Gunnersbury, W.                                 |
| ✠                                    | 1904 Jan. 19.   | BROWN, ANDREW .. ..   | Wm. Simons & Co., Renfrew.                                       |
|                                      | 1881 May 31.    | BROWN, ARTHUR .. ..   | Guildhall, Nottingham.   |
|                                      | 1885 Nov. 10.   |   |  |
|                                      | 1883 Dec. 4.    | BROWN, ARTHUR CARDWELL ..                                   | 1002 Avenida Alvear, Buenos Aires.                               |
|                                      | 1894 Jan. 23.   |   |  |
|                                      | 1886 Feb. 2.    | BROWN, ARTHUR EDWARD ..                                     | Tower House, East Cowes, I.W.                                    |
|                                      | 1893 Dec. 5.    |   |  |
|                                      | 1900 Apr. 3.    | BROWN, CHARLES JOHN .. ..                                   | N. B. Ry., Eng.'s Office, Edinburgh.                             |
|                                      | 1905 Dec. 19.   |   |  |
|                                      | 1894 Feb. 6.    | *BROWN, CHARLES SIDNEY VESEY                                | Milburn House, Newcastle-on-Tyne.                                |
|                                      | 1902 Jan. 28.   |   |  |
|                                      | 1882 Dec. 5.    | *BROWN, GEORGE CECIL HER-                                   | Broad Sanctuary Chambers, West-                                  |
|                                      | 1894 Jan. 16.   | BERT .. ..  |  |
|                                      | 1895 May 21.    | BROWN, HAROLD HENRY LANE                                    | Lucknow, U.P., India.  |
|                                      | 1904 Jan. 19.   |   |  |
|                                      | 1900 Apr. 3.    | BROWN, JAMES .. ..  | 21 Cranwich Road, Stamford Hill, N.                              |
|                                      | 1905 Dec. 19.   |   |  |
|                                      | 1879 Dec. 2.    | *BROWN, JAMES SAMUEL .. ..                                  | { Consulting Engineer for Railways,<br>Bombay, India.            |
|                                      | 1890 May 20.    |   |  |
|                                      | 1889 Dec. 3.    | BROWN, JOSEPH WILLIAM ..                                    | Church Square, West Hartlepool.                                  |
|                                      | 1903 Jan. 20.   |   |  |
|                                      | 1892 Feb. 2.    | *BROWN, PETER BOSWELL ..                                    | 42 Westmount Road, Eltham, Kent.                                 |
|                                      | 1905 Jan. 10.   |   |  |
| T ✠                                  | 1904 Feb. 2.    | { BROWN, Sir ROBERT HANBURY,<br>K.C.M.G., Major R.E. ret. } | Newlands, Crawley Down, Sussex.                                  |
| S t ✠                                | 1868 Dec. 1.    | { BROWN, THOMAS FORSTER<br>(former Member of Council.) }    | Springfort, Stoke Bishop, Bristol.                               |
|                                      | 1901 Apr. 23.   | BROWN, WESTGARTH FORSTER                                    | Guildhall Chambers, Cardiff.                                     |
|                                      | 1864 Dec. 6.    | BROWNE, Sir BENJAMIN CHAP-                                  | Hawthorn's Engine Works, New-                                    |
|                                      | 1871 Mar. 7.    | MAN, D.C.L. (Durham) ..                                     |  |
|                                      | 1893 Dec. 5.    | BROWNING, GEORGE ELLIOT ..                                  | Trichur, South India.  |
|                                      | 1903 Dec. 22.   |   |  |
|                                      | 1887 Jan. 11.   | *BROWNIDGE, CHARLES .. ..                                   | Town Hall, Birkenhead.   |
|                                      | 1905 Feb. 28.   |   |  |
|                                      | 1896 Feb. 4.    | BROXUP, CHARLES THOMAS ..                                   | { Loco. Supt., Railways, Manila,<br>Philippines.                 |
|                                      | 1904 Feb. 23.   |   |  |
| t ✠                                  | { 1882 Dec. 5.  | BRUCE, ALEXANDER FAIRLIE                                    | e.o. 28 Inglis Road, Ealing, W.                                  |
|                                      | { 1894 Feb. 27. | { BRUCE, Sir GEORGE BARCLAY<br>(Past-President.) }          |  |
| T ✠                                  | 1850 Apr. 2.    |   | 3 Victoria Street, S.W. (Brentesia,<br>London.)                  |
|                                      | 1892 Dec. 6.    | BRUCE, JOHN .. ..   | Hill Crest, Whitby.  |
|                                      | 1886 Apr. 6.    | *BRUNDELL, HENRY AUGUSTUS                                   | 1 Prince's Street, Doncaster.                                    |
|                                      | 1899 Nov. 28.   |   |  |
|                                      | 1885 May 19.    | *BRUNLEES, HOWARD .. ..                                     | { Harratt & Pollock, 27 Ely Place,<br>Holborn, E.C.              |
|                                      | 1899 Dec. 12.   |   |  |
|                                      | 1875 Dec. 7.    | *BRUNLEES, JOHN .. ..                                       |  |
|                                      | 1878 May 14.    |   |  |
| t ✠                                  | 1884 May 27.    | BRUNTON, DAVID WILLIAM ..                                   | 865 Grant Avenue, Denver, Colorado,                              |
| ✠                                    | { 1884 Jan. 8.  | *BRUNTON, JAMES FORREST ..                                  | Municipality, Karachi, India.                                    |
|                                      | { 1901 Dec. 11. |   |  |
| ✠                                    | { 1875 Mar. 2.  | BRYAN, WILLIAM BOOTH ..                                     | { Chief Engineer, Metropolitan Water<br>Board, Savoy Court, W.C. |
|                                      | { 1879 Mar. 4.  |   |  |
|                                      | 1891 May 12.    | *BRYANT, ERNEST WALROND ..                                  | 54 Meadow Street, Fort Bombay.                                   |
|                                      | 1901 Jan. 15.   |   |  |
|                                      | 1878 Feb. 5.    | BUCHANAN, ALEXANDER .. ..                                   | Messrs. Handyside & Co., Derby.                                  |
| ✠                                    | { 1891 Feb. 3.  | *BUCHANAN, GEORGE CUNNING-                                  | Chairman, Port Trust, Rangoon,<br>Burma.                         |
|                                      | { 1899 Dec. 12. | HAM .. ..   |  |
|                                      | 1891 Jan. 13.   | BUCHANAN, WILLIAM .. ..                                     | { 26 Fairfield Avenue, South Norwalk,<br>Conn., U.S.             |
| t ✠                                  | 1898 Dec. 6.    | BUCK, LEFFERT LEFFERTS ..                                   | Hastings on Hudson, New York, U.S.                               |

| Date of Election<br>and of Transfer. |                 | MEMBERS.                     |                                       |
|--------------------------------------|-----------------|------------------------------|---------------------------------------|
|                                      | 1871 Apr. 4.}   | BUCKHAM, EDWARD .. ..        | Town Hall, Ipswich.                   |
|                                      | 1887 Jan. 25.}  |                              |                                       |
| ✠                                    | {1873 Dec. 2.}  | BUCKLEY, ROBERT BUPTON,      | 44 Clanricarde Gardens, Bayswater,    |
|                                      | {1880 Nov. 2.}  | C.S.I. .. ..                 | W.                                    |
|                                      | 1879 Apr. 1.}   | BUDGE, ENRIQUE .. ..         | Valparaiso, Chile. [Argentina.        |
|                                      | 1888 Dec. 4.}   | BUDGE, OLIVER .. ..          | East Argentine Ry., Concordia,        |
|                                      | 1873 May 6.}    | BULKLEY, THOMAS ALFRED ..    | Penyllan Hall, Meifod, Welshpool.     |
|                                      | 1879 Nov. 4.}   |                              |                                       |
|                                      | 1875 Dec. 7.}   | BULMER, PHILIP .. ..         | 37 The Avenue, Sunderland.            |
|                                      | 1889 Apr. 16.}  |                              |                                       |
|                                      | 1886 Apr. 6.}   | BURCH, WILLIAM .. ..         | {20 Wentworth Road, Harborne, Bir-    |
|                                      | 1894 Nov. 27.}  |                              | mingham.                              |
| T t ✠                                | {1866 Mar. 6.}  | BURGE, CHARLES ORMSBY ..     | 4 Ellesmere Road, Chiswick, W.        |
|                                      | {1878 Apr. 9.}  |                              |                                       |
|                                      | 1888 Dec. 4.}   | *BURGESS, SAMUEL EDWIN ..    | Boro' Engineer, South Shields.        |
|                                      | 1899 Apr. 18.}  |                              |                                       |
| ✠                                    | {1871 May 23.}  | *BURKE, CHARLES TOLER ..     | {School Board, Sir Thomas Street,     |
|                                      | {1883 May 1.}   |                              | Liverpool.                            |
|                                      | 1872 Dec. 3.}   | BURKE, GEORGE JOHN .. ..     | 37 Brighton Rd., St. Kilda, Victoria. |
|                                      | 1883 Mar. 20.}  |                              |                                       |
| ✠                                    | {1898 Mar. 1.}  | BURLS, GEORGE ARTHUR ..      | {Steam Carriage Co., Homefield,       |
|                                      | {1904 Dec. 13.} |                              | Chiswick, W.                          |
|                                      | 1893 Dec. 5.}   | *BURN, GEORGE FRANK .. ..    | {Barbados Light Railway, Limited,     |
|                                      | 1902 Apr. 8.}   |                              | Bridgetown, Barbados.                 |
|                                      |                 |                              | {A. E. Johnson, 105 Anson Road,       |
|                                      | 1903 Mar. 3.}   | BURNET, FARIE .. ..          | Cricklewood, N.W.                     |
|                                      | 1886 Dec. 7.}   |                              |                                       |
|                                      | 1896 Feb. 25.}  | BURNETT, JAMES .. ..         | Ry. Dept., Wellington, N.Z.           |
|                                      | 1866 Feb. 6.}   |                              |                                       |
|                                      | 1871 May 2.}    | BURNETT, ROBERT HARVEY ..    | Gorton Foundry, Manchester.           |
|                                      | 1884 Feb. 5.}   | BURR, WILLIAM HENRY ..       | {El Rancho, F.C. del Norte, Guate-    |
|                                      | 1889 Mar. 12.}  |                              | mala.                                 |
| ✠                                    | 1893 Dec. 5.}   | BURR, WILLIAM HUBERT ..      | Columbia College, New York, U.S.      |
| ✠                                    | 1902 Dec. 2.}   | BURROWS, THOMAS EDWARD ..    | P.W.D., Sydney, New South Wales.      |
| ✠                                    | {1876 May 2.}   | *BURSTAL, EDWARD KYNASTON    | {38 Parliament Street, S.W. (Holo-    |
|                                      | {1881 Jan. 11.} |                              | meter, London.)                       |
|                                      | 1892 Dec. 6.}   | BURSTALL, Professor HENRY    | {The University, Edgbaston, Bir-      |
|                                      | 1900 Dec. 18.}  | FREDERIC WILLIAM,            |                                       |
|                                      |                 | M.A. (Cantab.) .. ..         |                                       |
|                                      | 1888 Dec. 4.}   | *BURSTALL, HENRY ROBERT      | {14 Old Queen St., Westminster, S.W.  |
|                                      | 1897 Mar. 2.}   | JOHN .. ..                   |                                       |
|                                      | 1885 May 19.}   | BURT, ARTHUR HAZELDINE ..    | {The Neuk, Mornbin Road, Mosmans,     |
|                                      | 1904 Dec. 13.}  |                              | N.S.W.                                |
|                                      | 1887 Apr. 5.}   | *BURY, OLIVER ROBERT HAWKE   | {General Manager, G.N.Ry., King's     |
|                                      | 1894 Feb. 27.}  |                              | Cross, N.                             |
|                                      | 1874 May 12.}   | BUSH, GEORGE .. ..           | 110 Cannon Street, E.C.               |
|                                      | 1894 Dec. 4.}   | BUSH, ROBERT, B.A. (Oxon.).. | Dockyard, Liverpool.                  |
|                                      | 1903 Jan. 20.}  |                              |                                       |
|                                      | 1898 Dec. 6.}   | BUSH, THOMAS JAMES .. ..     | {Australian Gas Co., Sydney,          |
|                                      |                 |                              | N.S.W.                                |
| ✠                                    | {1885 Apr. 14.} | BUTLER, MATTHEW JOSEPH ..    | {Deputy Minister and Chief Eng.,      |
|                                      | {1893 Nov. 7.}  |                              | Dept. of Rys. and Canals, Ottawa,     |
|                                      | 1875 Dec. 7.}   | BUTLER, WALTER .. ..         | Witham, Essex. [Canada.               |
|                                      | 1874 May 5.}    |                              |                                       |
|                                      | 1904 Feb. 2.}   | BUTLER, WILLIAM FREDERIC     | 14 Nicholas Street, Chester.          |
|                                      | 1888 Dec. 4.}   | BUTLER, Professor WILLIAM    | {Royal Military College, Kingston,    |
|                                      | 1898 Nov. 29.}  | ROBERT, M.E. (King's Coll.,  |                                       |
|                                      |                 | Nova Scotia.)                | Ontario, Canada.                      |
| m ✠                                  | 1881 Apr. 5.}   | BUTTER, HENRY JOSEPH ..      | Claremont, Burrage Rd., Plumstead.    |
|                                      | 1888 Dec. 4.}   | BUTTON, FRED SMITH; .. ..    | Blannel Street, Burnley.              |
|                                      | 1895 Jan. 8.}   |                              |                                       |

|     | Date of Election<br>and of Transfer. | MEMBERS.                               |  |
|-----|--------------------------------------|--|--|
|     | 1905 Dec. 5.                         | CADMAN, JAMES COPE .. ..               | Madeley, Staffordshire.  |
|     | 1882 May 2.                          | *CAFFIN, FRANCIS CRAWFORD ..           | Western House, Marlow, Bucks.                                  |
|     | 1906 Apr. 24.                        |  |  |
|     | 1900 Apr. 3.                         | CAIRD, ROBERT, LL.D. ( <i>Glas.</i> )  | Greenock, N.B.   |
| ✦   | {1892 Dec. 6.                        | {CALLAWAY, HUGH .. ..                  | {J. I. Thornycroft & Co., Woolston,<br>Southampton.            |
|     | {1900 Dec. 18.                       |  | {3 Crosby Square, E.C. (Raillerais,<br>London. Avenue 4360.)   |
|     | 1900 Dec. 4.                         | CALTHROP, EVERARD RICHARD              | Calle Marmoles 6, Seville, Spain.                              |
|     | 1892 Apr. 5.                         | CAMARA, ANTONIO DE LA ..               | Town Hall, East Ham, E.  |
|     | 1887 Dec. 6.                         | *CAMPBELL, ADAM HORSBURGH ..           |  |
|     | 1904 Mar. 15.                        |  |  |
|     | 1887 Apr. 5.                         | CAMPBELL, KENNETH FIND-                | Borough Engineer, Huddersfield.                                |
|     | 1900 Jan. 23.                        | LATER .. ..                            |  |
|     | 1894 May 22.                         | *CAMPION, FREDERICK ARTHUR             | {G. N. Ry., 7 York Road, King's<br>Cross, N.                   |
|     | 1906 Jan. 9.                         |  |  |
|     | 1872 Dec. 3.                         | *CAMPION, JOHN MONTRIOU ..             | Kufri, Amherst Road, Ealing, W.                                |
|     | 1885 Feb. 24.                        |  |  |
|     | 1876 Feb. 1.                         | CANNING, Sir SAMUEL .. ..              | 1 Inverness Gardens, Kensington, W                             |
| m ✦ | {1890 Jan. 14.                       | {*CAPPER, Professor DAVID SING,        | {King's College, Strand, W.C.<br>(Westminster 5255.)           |
|     | {1898 Nov. 29.                       | {M.A. ( <i>Edin.</i> ) .. ..           |  |
|     | 1886 Feb. 2.                         | CARDEW, CORNELIUS EDWARD               | T. Cook & Sons, Ludgate Circus, E.C.                           |
|     | 1896 Mar. 31.                        |  |  |
| ✦   | {1877 Dec. 4.                        | {*CAREY, ALFRED EDWARD ..              | {3 Victoria Street, S.W. (Foreshore,<br>London. Victoria S19.) |
|     | {1884 Dec. 23.                       |  | {E. E. Brook, 4 King's Bench Walk,<br>Temple, E.C.             |
|     | 1870 Apr. 5.                         | CARGILL, THOMAS, B.A. ( <i>Dubl.</i> ) | Albertsirasse 7, Riga.   |
|     | 1877 Nov. 27.                        |  |  |
|     | 1866 Mar. 6.                         | CARLILE, HUGH .. ..                    | Fairholme, Abbeyfield Road,<br>Sheffield.                      |
| m ✦ | {1893 Dec. 5.                        | {*CARNEGIE, DAVID .. ..                | {N. J. Askin, 60 Upper Sackville<br>Street, Dublin.            |
|     | {1906 Mar. 27.                       |  |  |
|     | 1883 Dec. 4.                         | CAROLIN, EDWARD RICHARD ..             | South Metropolitan Gasworks, 709A<br>Old Kent Road, S.E.       |
|     | 1888 Feb. 14.                        |  |  |
| ✦   | {1886 Apr. 6.                        | {CARPENTER, CHARLES CLAUDE             | {Gas and Waterworks, Widnes.                                   |
|     | {1896 Mar. 17.                       |  |  |
|     | 1892 Jan. 12.                        | CARR, ISAAC .. ..                      |  |
|     | 1898 Dec. 20.                        |  |  |
|     | 1891 Apr. 7.                         | *CARR, ROBERT ALFRED .. ..             |  |
|     | 1901 Apr. 23.                        |  |  |
| t ✦ | {1875 Dec. 7.                        | {CARRINGTON, WILLIAM THOMAS            | {72 Mark Lane, E.C.  |
|     | {1881 Nov. 29.                       | {HENNEY .. ..                          |  |
|     | 1869 May 11.                         | CARROLL, EDWARD BROTHERTON             | Huntington, Ottershaw, Surrey.                                 |
|     | 1877 Jan. 23.                        |  |  |
| ✦   | {1866 Jan. 9.                        | {CARRUTHERS, JOHN .. ..                | {13 Victoria Street, S.W.                                      |
|     | {1871 May 16.                        |  |  |
|     | 1896 Dec. 1.                         | CARSON, HOWARD ADAMS ..                | Malden, nr. Boston, Mass., U.S.                                |
| t ✦ | 1876 Dec. 5.                         | CARSON, WILLIAM .. ..                  | Bryn Estyn, Chester.   |
|     | 1876 Feb. 1.                         | CARTER, WILLIAM ALLAN,                 | {14 Queen Street, Edinburgh. (Com-<br>pass, Edinburgh. 1594.)  |
|     | 1887 Jan. 25.                        | F.R.S.E. .. ..                         |  |
|     | 1878 Feb. 5.                         | CARTWRIGHT, GEORGE .. ..               | Great Central Ry., Grimsby Docks.                              |
|     | 1884 Mar. 18.                        |  | [Lancs.]   |
|     | 1875 Dec. 7.                         | CARTWRIGHT, JOSHUA .. ..               | Peel Chambers, Market Place, Bury,                             |
|     | 1885 Jan. 20.                        |  |  |
| m ✦ | {1884 Feb. 5.                        | {*CASE, ALBERT HAVELOCK ..             | {Broad Sanctuary Chambers, West-<br>minster, S.W.              |
|     | {1893 Dec. 5.                        |  |  |
| ✦   | {1872 Apr. 9.                        | {*CASH, JOSEPH .. ..                   | {Gas Co., Hove, Brighton.                                      |
|     | {1891 Apr. 7.                        |  |  |
|     | 1902 Feb. 4.                         | {CASSON, ARTHUR WILLIAM                | {G.C.Ry., Elm Road, Wembley.                                   |
|     |                                      | {HENRY .. ..                           |  |
|     | 1868 Dec. 1.                         | CATO, ALEXANDER .. ..                  | St. Macaire, Gironde, France.                                  |
|     | 1879 Mar. 4.                         | CAULFIELD, FRANCIS JOHN                | Kuala Lumpur, Selangor, S.S.                                   |
|     | 1887 May 24.                         | ROHIE TOBY ST. GEORGE, I.S.O.          |  |
|     |                                      | {CAVENDISH, WILLIAM HASTINGS,          | {7 Hastings Street, Calcutta.                                  |
|     | 1902 Jan. 14.                        | {B.Sc. ( <i>Victoria</i> ) .. ..       |  |



| Date of Election<br>and of Transfer. |                                 | MEMBERS.  |   |
|--------------------------------------|---------------------------------|---|---|
| †                                    | {1864 Mar. 1.<br>1872 Apr. 16.  | CAY, WILLIAM DYCE, F.R.S.E.                           | 1 Albyn Place, Edinburgh.                                   |
|                                      | {1878 May 7.<br>1884 Nov. 4.    | CHADWICK, GEORGE BURTON ..                            | {c.o. London and County Bank,<br>Brighton.                  |
| †                                    | {1872 Jan. 9.<br>1897 Nov. 30.  | CHADWICK, OSBERT, C.M.G. ...                          | {7 Carteret Street, Westminster,<br>S.W.                    |
|                                      | {1889 Dec. 3.<br>1899 Nov. 28.  | CHALCRAFT, GEORGE BARKER                              | Cross Grove House, Totley, Sheffield.                       |
| †                                    | {1879 Dec. 2.<br>1884 Jan. 22.  | CHAMIER, GEORGE .. .. .                               | Wyong, Smithfield, N.S.W.                                   |
| t †                                  | {1891 Jan. 13.<br>1904 Dec. 13. | {CHAMPION, HENRY VINE,<br>M.C.E. (Melb.) .. .. .}     | {87 Queen Street, Melbourne, Victoria.                      |
|                                      | {1882 May 23.<br>1893 Feb. 21.  | *CHANTER, FRANCIS WILLIAM ..                          | {C. E. R. Chanter, Bridge Chambers,<br>Barnstaple.          |
|                                      | {1875 Mar. 2.<br>1878 Jan. 15.  | CHAPMAN, ALFRED .. .. .                               | {Fawcett, Preston & Co., 17 York<br>Street, Liverpool.      |
|                                      | {1872 Feb. 6.<br>1879 Jan. 14.  | CHAPMAN, HENRY .. .. .                                | 69 Victoria Street, S.W.                                    |
|                                      | {1900 Dec. 4.<br>1879 Feb. 4.   | {CHAPMAN, HENRY BENJAMIN<br>HOGHTON .. .. .}          | {Minas de Rio-Tinto, Huelva, Spain.                         |
|                                      | {1894 May 22.<br>1864 Jan. 12.  | CHAPMAN, JOSEPH CRAWHALL                              | Cadewell, near Torquay.                                     |
|                                      | {1892 Mar. 1.<br>1903 Dec. 22.  | CHAPMAN, ROBERT .. .. .                               | {Mon Abri, Alington Rd., Lansdowne<br>Park, Bournemouth.    |
|                                      | {1885 Feb. 3.<br>1897 Nov. 30.  | *CHARTERS, ROBERT HEARN ..                            | {Box 590, Cape Town, C.C.                                   |
| †                                    | {1885 Feb. 3.<br>1897 Nov. 30.  | *CHATHAM, WILLIAM .. .. .                             | {Director of Public Works, Hong<br>Kong.                    |
|                                      | {1883 Feb. 6.<br>1879 Feb. 4.   | {CHATTERJEE, Rai Bahadur<br>KHETTER NAUTH .. .. .}    | {Gustia, viâ Baraset, Calcutta.                             |
| m †                                  | {1883 Nov. 27.<br>1882 May 23.  | *CHATTERTON, GEORGE,<br>M.A. (Dubl.) .. .. .}         | {6 The Sanctuary, Westminster,<br>S.W.                      |
| †                                    | {1882 May 23.<br>1898 Apr. 26.  | CHENHALL, JAMES WARNE ..                              | {Dart Villas, Totnes. (Chenhall,<br>Totnes.)                |
| †                                    | {1887 Jan. 11.<br>1896 Dec. 15. | CHILDE, HENRY SLADE .. ..                             | Wakefield. (Childe, Wakefield, 3.)                          |
|                                      | {1880 May 25.<br>1847 Mar. 2.   | CHORLTON, JOHN SAMUEL ..                              | The Rookery, Chatburn, Clitheroe.                           |
|                                      | {1873 Dec. 23.<br>1894 Dec. 4.  | CHRISTY, FREDERICK COLLIER                            | {St. Cyr, William St., South Yarra,<br>Melbourne, Victoria. |
|                                      | {1896 May 19.<br>1875 Feb. 2.   | {CHIROCKATT DE SA PEREIRA<br>DE CASTRO, JOÃO .. .. .} | {Rua das Larangeiras 202, Rio de<br>Janeiro.                |
|                                      | {1878 Jan. 15.<br>1897 Apr. 6.  | CHUBB, THOMAS LYON .. ..                              | Eastern Railway, Buenos Aires.                              |
|                                      | {1897 Feb. 2.<br>1903 Dec. 22.  | *CHURCH, RICHARD FREDERICK                            | East Down, Eaton Rise, Ealing, W.                           |
|                                      | {1897 Apr. 6.<br>1897 Feb. 2.   | *CHURCHWARD, GEORGE DUNDAS                            | {Trefusis, Cary Avenue, St. Mary-<br>church, Torquay.       |
|                                      | {1897 Feb. 2.<br>1903 Dec. 22.  | CHURCHWARD, GEORGE JACKSON                            | Newburn, Swindon.   |
|                                      | {1898 Dec. 6.<br>1895 Dec. 3.   | CLARK, CHARLES COSBY STEWART                          | {c.o. Thos. Cook & Son, Rangoon<br>Burma.                   |
|                                      | {1897 Dec. 7.<br>1904 Jan. 12.  | CLARK, EDWIN KITSON,<br>M.A. (Cantab.) .. .. .}       | {Airedale Foundry, Leeds.                                   |
| S †                                  | {1904 Jan. 12.<br>1890 Mar. 4.  | CLARK, LYONEL EDWIN .. ..                             | 11 Victoria Street, S.W.                                    |
|                                      | {1892 Nov. 22.<br>1888 Apr. 10. | *CLARKE, GEORGE JAMES .. ..                           | Tees Conservancy, Middlesbrough.                            |
|                                      | {1896 Feb. 25.<br>1866 May 15.  | *CLARKE, JOSEPH PERCIVAL ..                           | {Leopoldina Ry., Caixa 291, Rio de<br>Janeiro.              |
|                                      | {1888 Dec. 4.<br>1901 Dec. 11.  | CLARKE, WILLIAM .. .. .                               | {39 Old Queen Street, Westminster,<br>S.W.                  |
|                                      | {1884 Jan. 8.<br>1892 May 3.    | CLARKE, WILLIAM JOHN .. ..                            | H.M. Dockyard, Devonport.                                   |
|                                      | {1892 May 3.<br>1903 Apr. 7.    | CLAYTON, THOMAS GETHING ..                            | The Grange, Normanton, Derby.                               |
|                                      | {1903 Apr. 7.<br>1892 May 3.    | CLEGHORN, ALEXANDER .. ..                             | {14 Hatfield Drive, Kelvinside,<br>Glasgow.                 |

| Date of Election<br>and of Transfer. |                                       | MEMBERS.   |  |
|--------------------------------------|---------------------------------------|--|--|
|                                      | 1887 Dec. 6.                          | CLEMENT, LEWIS METZLER ..                          | { Haywards, Alameda County, Cal.,<br>U.S.  |
| W t F                                | † { 1884 Apr. 1. }<br>1902 Dec. 16. } | CLEMES, JOHN HENRY .. ..                           | The Bracken, Newquay, Cornwall.  |
|                                      | † { 1889 Jan. 8. }<br>1899 Dec. 12. } | CLERK, DUGALD .. ..                                | { 18 Southampton Buildings, Chan-<br>cery Lane, W.C. (Abecedary,<br>London. Holborn, 836.) |
|                                      | † { 1888 Dec. 4. }<br>1900 Apr. 10. } | *CLIFTON, COURTENAY THORNTON                       | Ministry of Public Works, Cairo.   |
|                                      | 1893 Dec. 5. }                        | *CLIREHUGH, STAMFORD VAIR..                        | The Beacon, Woking.  |
|                                      | 1901 Feb. 19. }                       |  |  |
|                                      | 1877 Dec. 4. }                        | CLOUGH, CHARLES FREDERIC..                         | { 14 Charlton Road, Blackheath,<br>S.E.  |
|                                      | 1898 Nov. 29. }                       |  |  |
|                                      | 1875 Dec. 7. }                        | COATES, JOHN .. ..                                 | { Suffolk House, Laurence Pountney<br>Hill, E.C.   |
|                                      | 1888 Mar. 13. }                       |  |  |
|                                      | 1877 Jan. 16. }                       | *COBLEY, WALTER HENRY, I.S.O.                      | Govt. Rys., Maritzburg, Natal.   |
|                                      | 1890 May 6. }                         |  |  |
|                                      | 1883 Feb. 6.                          | COCHRANE, CHARLES STYLE                            | Port of Spain, Trinidad.   |
| †                                    | † { 1890 Feb. 4. }<br>1899 Feb. 14. } | COCKRILL, JOHN WILLIAM ..                          | Boro' Engineer, Great Yarmouth.  |
|                                      | 1866 Feb. 6. }                        |  |  |
|                                      | 1872 Jan. 23. }                       | CODRINGTON, THOMAS .. ..                           | 5 Riverdale Rd., Twickenham Park.  |
|                                      | 1891 Feb. 3. }                        | COE, DAVID .. ..                                   | { F. C. Nacional, Tehuantepec,<br>Mexico.  |
|                                      | 1903 Dec. 22. }                       |  |  |
|                                      | 1894 Feb. 6. }                        | COKE, GEORGE ELMSLEY ..                            | { 65 Station Street, Nottingham.<br>(Mining, Nottingham.)                                  |
|                                      | 1897 Apr. 6. }                        |  |  |
|                                      | 1889 May 3. }                         | COLAM, WILLIAM NEWBY ..                            | { 27 Rutland Square, Edinburgh.<br>(Colam, Edinburgh 1285.)                                |
|                                      | 1892 Jan. 26. }                       |  |  |
|                                      | 1904 Jan. 12.                         | COLE, HENRY AYLWIN BEVAN                           | 50 Lime Street, E.C.   |
| t †                                  | † { 1890 Dec. 2. }<br>1904 Dec. 13. } | *COLE, WILLIAM BARTHOLOMEW                         | { 85 Pathfield Road, Streatham<br>Common, S.W.   |
|                                      | † { 1892 Jan. 12. }<br>1895 May 14. } | *COLE, WILLIAM HENRY ..                            | { 10 Argyll Mansions, Addison Bridge,<br>Kensington, W.                                    |
|                                      | 1891 Mar. 3. }                        | { COLEBROOK, HENRY WILLIAM<br>VAUGHAN .. .. }      | c.o. H. S. King & Co., Pall Mall, S.W.   |
|                                      | 1886 Mar. 2. }                        | COLLARD, ROBERT .. ..                              | Orchard Leigh, St. John's, Ipswich.  |
|                                      | 1899 Dec. 5. }                        | COLLEDGE, FRANCIS STEEL ..                         | 109 Bath Street, Glasgow.  |
|                                      | 1894 Mar. 6. }                        | { COLLEN, WILLIAM, M.A.,<br>B.A.I. (Dubl.) .. .. } | County Surveyor, 9 Hume Street,<br>Dublin.   |
|                                      | 1898 Nov. 29. }                       |  |  |
|                                      | 1898 Mar. 1.                          | COLLET, HAROLD VAN BRIENAN                         | { Sanctuary House, Tothill Street,<br>S.W. (Graveness, London. Vic-<br>toria 1985.)        |
|                                      | 1893 Jan. 10. }                       | { COLLIER, HUGH MORTIMER<br>HERBERT .. .. }        | New Dock Works, Middlesbro'.   |
|                                      | 1904 Dec. 13. }                       |  |  |
| T t †                                | 1887 Dec. 6. }                        | COLLIN, ALFRED JONES .. ..                         | 109 Clarendon Road, Putney, S.W.   |
|                                      | 1901 Feb. 19. }                       |  |  |
|                                      | 1881 Feb. 1. }                        | COLLINGWOOD, FRANCIS .. ..                         | Elizabeth, New Jersey, U.S.  |
|                                      | 1880 Dec. 7. }                        | *COLLINGWOOD, WILLIAM .. ..                        | { Vulcan Foundry, Newton-le-<br>Willows, Lanes.  |
|                                      | 1895 Mar. 5. }                        |  |  |
|                                      | 1887 Dec. 6. }                        | COLLINS, ARTHUR ELLISTON ..                        | City Engineer, Norwich.  |
|                                      | 1899 Feb. 28. }                       |  |  |
|                                      | † { 1884 May 6. }<br>1892 Jan. 11. }  | COLLINS, ERNEST .. ..                              | Wedderburn Road, Hampstead, N.W.   |
|                                      | 1899 Mar. 7. }                        | *COLLINSON, ALFRED HOWE ..                         |  |
|                                      | 1882 Dec. 5. }                        | { COLLISTER, JOHN GEORGE<br>HENRY .. .. }          | G. I. P. Railway, Bombay.  |
| t †                                  | 1876 Mar. 7. }                        |  |  |
|                                      | 1889 Apr. 9. }                        | COLSON, ALFRED .. ..                               | Gas Offices, Leicester.  |
|                                      | † { 1871 Feb. 7. }<br>1884 Mar. 11. } | COLSON, CHARLES, C.B. .. ..                        | { Royal Societies Club, St. James's<br>Street, S.W.  |
|                                      | † { 1890 Feb. 4. }<br>1901 Feb. 12. } | *COLSON, CHARLES HENRY ..                          | { 2 Sternhold Avenue, Streatham<br>Hill, S.W.  |
|                                      | 1893 Dec. 5. }                        |  |  |
|                                      | 1904 Apr. 19. }                       | *COLVIN-SMITH, HARRY COLVIN                        |  |



| Date of Election<br>and of Transfer. |               | MEMBERS.   |   |
|--------------------------------------|---------------|--|---|
| W t                                  | 1870 May 24.  | COLYER, FREDERICK .. ..  | { 45 Thornton Avenue, Streatham Hill, S.W.                      |
|                                      | 1877 Mar. 27. |  | { 19 Lower Leeson Street, Dublin.                               |
|                                      | 1897 Dec. 7.  | COMBER, PATRICK FORSTALL   | { 6 Queen Street Place, E.C. (Adelaide, London. Bank 828.)      |
|                                      | 1883 May 29.  | *CONGREVE, HUBERT . . .  | { Ship Canal Co., 41 Spring Gardens, Manchester.                |
|                                      | 1895 Oct. 22. |  | { Midland & S.W. Junction Railway, Cirencester.                 |
|                                      | 1883 Dec. 4.  | CONNAL, EBEN .. .  | { Price, Wills and Reeves, 17 Waterloo Place, S.W.              |
|                                      | 1893 Mar. 21. |  | { 22a College Hill, E.C.  |
|                                      | 1884 May 6.   | CONNERY, DANIEL,   | { Great Central Ry., Leicester.                                 |
|                                      | 1891 Mar. 24. |  | { 9 Victoria Street, S.W. (Penlee, London. Westminster 47.)     |
|                                      | 1891 Dec. 1.  | M.E. ( <i>Queen's</i> ) .. .   | { c.o. H. S. King & Co., 9 Pall Mall, S.W.                      |
|                                      | 1898 Dec. 6.  |  | { 165 Queen Victoria Street, E.C.                               |
|                                      | 1902 Mar. 4.  | *CONRADI, JULES FERDINAND ..   | { P.W.D., Dunedin, Otago, N.Z.                                  |
|                                      | 1896 Dec. 1.  |  | { Water and Sewerage Dept., Pitt St., Sydney, N.S.W.            |
|                                      | 1904 Dec. 13. | *COODE, JOHN CHARLES .. .  | { West Bank, Crewe.   |
|                                      | 1870 Dec. 6.  |  | { Ry. Department, Wellington, N.Z.                              |
|                                      | 1883 Mar. 13. | COODE, MONTGOMERY PENROSE  | { Cedar Lodge, Plympton, Devon.                                 |
|                                      | 1886 Dec. 7.  |  | { Cleveland and Durham Power Co., Hinton Bldgs., Middlesbrough. |
|                                      | 1896 Jan. 28. | COOK, DAVID .. .   | { Council Offices, Wimbledon.                                   |
|                                      | 1894 May 1.   |  | { Director of Public Works, Colombo, Ceylon.                    |
|                                      | 1887 Dec. 6.  | COOK, GEORGE LESLIE .. .   | { 11 Victoria Street, S.W.                                      |
|                                      | 1889 Feb. 5.  |  | { L. B. & S. C. Ry., 328 Queen's Road, Battersea, S.W.          |
| +                                    | 1895 May 14.  | COOK, WALTER EDMUND .. .   | { 15 Dean's Yard, Westminster, S.W.                             |
|                                      | 1905 Dec. 5.  |  | { Eastbourne House, Sea Point, S. Africa.                       |
|                                      | 1893 Jan. 10. | COOM, JOHN .. .  | { 15 Holyrood Crescent, Glasgow.                                |
|                                      | 1884 May 27.  |  | { 146 West Regent St., Glasgow. (Copland, Glasgow. 358.)        |
|                                      | 1901 Feb. 19. | *COOMBS, CHARLES JOHN  | { 146 West Regent Street, Glasgow.                              |
|                                      | 1881 Dec. 6.  |  | { Holgate Road, York.   |
|                                      | 1895 Dec. 3.  | *COOPER, CHARLES FRIEND ..   | { Santa Marta, Beaconsfield Road, Westcombe Park, S.E.          |
|                                      | 1880 May 25.  |  | { Rhodesia Rys., Bulawayo, S. Africa.                           |
|                                      | 1899 Mar. 28. | *COOPER, CHARLES HAMLET ..   | { Water Co., Alexandria, Egypt.                                 |
|                                      | 1885 Dec. 1.  |  | { 1 Nassau Street, New York, U.S. (Tabanque, New York.)         |
| m                                    | 1894 Mar. 13. | *COOPER, FRANCIS ALFRED,   | { P.W.D., Ottawa, Canada.                                       |
|                                      | 1885 Feb. 3.  |  | { 28 Baldwin Street, Bristol.                                   |
|                                      | 1895 Dec. 3.  | C.M.G. .. .  | { The Rowans, Abergavenny.                                      |
|                                      | 1903 Apr. 21. |  | { Harbour Office, Holyhead.                                     |
|                                      | 1870 May 3.   | COOPER, RICHARD EDWARD   |   |
|                                      | 1876 Jan. 11. |  |   |
|                                      | 1892 Mar. 1.  | SYNGE .. .   |   |
|                                      | 1905 Mar. 14. |  |   |
|                                      | 1893 Dec. 5.  | *COPLAND, JOHN PEARSON ..  |   |
|                                      | 1906 Jan. 9.  |  |   |
| t                                    | 1876 Mar. 7.  | { COPLAND, Sir WILLIAM   |   |
|                                      |               |  |   |
|                                      | 1895 Dec. 3.  | *COPLAND, WILLIAM ROBERT-  |   |
|                                      | 1906 Jan. 9.  |  |   |
|                                      | 1875 Jan. 12. | SON, JHN. .. .   |   |
|                                      | 1880 Feb. 24. |  |   |
|                                      | 1896 May 19.  | COPPERTHWAIT, HAROLD ..  |   |
|                                      | 1900 Feb. 27. |  |   |
|                                      | 1892 Dec. 6.  | COPPERTHWAIT, WILLIAM  |   |
|                                      | 1904 Dec. 13. |  |   |
| W t                                  | 1881 Feb. 1.  | { CORNISH, JOSIAH EASTON,  |   |
|                                      |               |  |   |
|                                      | 1884 Dec. 2.  | C.M.G. .. .  |   |
|                                      |               |  |   |
|                                      | 1883 Feb. 6.  | { CORTHELL, ELMER LAWRENCE,  |   |
|                                      | 1899 Feb. 28. |  |   |
|                                      | 1887 Apr. 5.  | M.A., D.Sc. ( <i>Brown Univ.</i> ,<br><i>Providence, R.I., U.S.</i> ) .. |   |
|                                      | 1903 Dec. 22. |  |   |
|                                      | 1881 May 31.  | *COSTE, JEAN LOUIS NAPOLEON  |   |
|                                      | 1893 Feb. 7.  |  |   |

| Date of Election<br>and of Transfer. |   | MEMBERS.   |
|--------------------------------------|---|--|
| 1898 Dec. 6.                         | COTTON, WILLIAM FRANCIS, JUN.   | { Alliance and Dublin Gas Co.,<br>D'Olier Street, Dublin.        |
| 1874 Jan. 13.                        | COTTON, WILLIAM GORDON  | { 9 Old Post Office Street, Calcutta.                            |
| 1890 May 6.                          | LYNCH .. .. .   |  |
| ✠ { 1889 May 21.                     | *COTTRELL, STEPHEN BUTLER   | { Overhead Railway, James Street,<br>Liverpool.                  |
| 1895 Mar. 26.                        |   |  |
| 1890 Feb. 4.                         | *COUCHMAN, FRANCIS DUNDAS   | King, King & Co., Bombay.  |
| 1902 Feb. 11.                        |   | { Sulphide Corporation, 34 Queen<br>Street, Melbourne, Victoria. |
| ✠ { 1894 May 22.                     | COURTNEY, CHARLES FREDERICK   | { 38 Croxted Road, Dulwich, S.E.                                 |
| 1876 May 30.                         | *COURTNEY, FRANK STUART ..  |  |
| 1889 Nov. 26.                        |   |  |
| 1896 May 19.                         | COVENTRY, HENRY GEORGE ..   | Rothbury, Northumberland.  |
| 1905 Dec. 19.                        |   |  |
| ✠ { 1888 Dec. 4.                     | COWAN, DAVID .. .. .  | { Coulport House, Cove, Dumbarton-<br>shire.                     |
| m m ✠ { 1887 May 3.                  | *COWAN, EDWARD WOODROWE.  | West Bank, Disley, Cheshire.                                     |
| 1904 Mar. 29.                        |   |  |
| 1890 Feb. 4.                         | *COWAN, JOHN .. .. .  | 179 West George Street, Glasgow.                                 |
| 1906 Jan. 30.                        |   |  |
| 1883 Mar. 6.                         | COWAN, McTAGGART .. ..  | 33 Drummond Place, Edinburgh.                                    |
| m ✠ { 1885 Feb. 3.                   | *COWAN, PETER CHALMERS,   | { 33 Ailesbury Road, Dublin.                                     |
| 1892 May 3.                          | B.Sc. (Edin.) .. .. .   |  |
| 1894 Dec. 4.                         | COX, ALEXANDER GEORGE ..  | c.o. H.B.M. Consul, Tientsin, China.                             |
| 1904 Apr. 19.                        |   |  |
| 1880 Dec. 7.                         | COX, JOHN HENRY .. ..   | City Surveyor, Bradford.   |
| 1889 Dec. 3.                         |   |  |
| 1880 May 4.                          | CRAIG, JOHN, M.A. (Dubl.) ..  | Finn View, Killygordon, Ireland.                                 |
| 1883 Nov. 6.                         |   |  |
| t ✠ { 1861 Apr. 9.                   | CRAWFORD, Professor ROBERT,   | { Stonewold, Ballyshannon, Ireland.                              |
| 1879 Nov. 11.                        | M.A.I. (Dubl.) .. .. .  |  |
| 1888 Dec. 4.                         | CRAWFORD, ROBERT .. ..  | Harbour Engineer, Greenock, N.B.                                 |
| 1893 Mar. 7.                         |   |  |
| 1896 May 5.                          | CRAWFORD, WILLIAM .. ..   | { Dept. Rys. and Canals, Ottawa,<br>Canada.                      |
| 1881 Mar. 1.                         | CREASY, LEONARD, I.S.O. ..  | Hurstleigh, Winkfield, Windsor.                                  |
| 1898 Mar. 22.                        |   |  |
| 1879 Feb. 4.                         | CRESWELL, ROBERT EDWARD ..  | Te Horo, Wellington, N.Z.  |
| 1884 Dec. 23.                        |   |  |
| 1888 Mar. 6.                         | CRIGHTON, CHARLES EDWIN ..  | 10 Albany Villas, Hove.  |
| 1899 Dec. 5.                         | CROASDAILE, JOHN ERNEST,  | { Avenue Chambers, Belfast.                                      |
| 1903 Dec. 22.                        | M.A., B.A.I. (Dubl.) ..   |  |
| 1889 Dec. 3.                         | CROFTS, CHARLES JAMES ..  | Harbour Dept., Port Natal.                                       |
| 1899 Nov. 28.                        |   |  |
| T t F ✠ { 1886 May 18.               | CROMPTON, ROOKES EVELYN   | { Thriplands, Kensington Court, W.                               |
|                                      | BELL, C.B., Lt.-Col. Electrical<br>Engs. R.E. (Vols.)<br>(Member of Council.) .. .. |  |
| 1879 Mar. 4.                         | *CROOK, HENRY TIPPING ..  | 9 Albert Square, Manchester.                                     |
| 1897 Nov. 30.                        |   |  |
| 1892 Feb. 2.                         | CROSLAND, JAMES FOYELL  | { 67 King Street, Manchester.                                    |
| 1894 May 22.                         | LOVELOCK .. .. .  |  |
| 1886 Feb. 2.                         | CROSS, WILLIAM .. .. .  | { Simpson, Strickland & Co., Dart-<br>mouth.                     |
| 1891 Jan. 13.                        |   | { Shalimar, Mount Eden Rd., Donny-<br>brook, Dublin.             |
| 1868 Jan. 14.                        | CROSTHWAITE, THOMAS PHILIP  |  |
| 1887 Dec. 13.                        | SHERARD, B.A. (Dubl.) ..  |  |
| ✠ { 1888 Feb. 7.                     | CROSTHWAITE, PONSONBY MOORE,  | { Park Gate, Petersham, Surrey.                                  |
| 1904 Dec. 13.                        | B.A.I. (Dubl.) .. .. .  |  |
| 1871 Feb. 7.                         | CROUCH, WILLIAM .. .. .   | 14 Blythswood Square, Glasgow.                                   |
| 1868 Apr. 7.                         | CROUDACE, CHARLES HUTTON  | H. S. King & Co., Pall Mall, S.W.                                |
| 1879 Jan. 7.                         |   |  |
| 1893 May 2.                          | { CROWELL, FOSTER, M.C.E.   | { 18 Broadway, New York, U.S. (Bu-<br>dial, New York.)           |
|                                      | (Polytechnic Coll. Penn.) ..  |  |

| Date of Election<br>and of Transfer. |                 | MEMBERS.                                 |  |
|--------------------------------------|-----------------|--|--|
|                                      | 1878 May 7.}    | CROWTHER, GEORGE HENRY ..                | Huddersfield.  |
|                                      | 1893 Mar. 21.}  |  |  |
|                                      | 1867 Feb. 5.    | CROZIER, WILLIAM .. .. .                 | Weaponness Valley, Scarborough.  |
| S t ✕                                | {1883 Feb. 6.}  | CRUTTWELL, GEORGE EDWARD                 | {21 Delahay Street, Westminster,<br>S.W. (Cruttwell, London. West-<br>minster 24.)       |
|                                      | {1888 Mar. 13.} | WILSON .. .. .                           |  |
| ✕                                    | {1883 Mar. 6.}  | CUDWORTH, WILLIAM JOHN                   | Eng.'s Office, N. E. Ry., York.  |
|                                      | {1896 Jan. 7.}  | (Member of Council.) ..                  |  |
|                                      | 1891 Dec. 1.}   | *CUFFE, OTWAY FORTESCUE                  | P. W. Secretariat, Rangoon, Burma.   |
|                                      | 1905 Jan. 31.}  | LUKE WHEELER .. .. .                     |  |
| ✕                                    | {1895 Feb. 5.}  | CULLEN, EDWARD ALEXANDER                 | {Harbours and Rivers Dept., Brisbane,<br>Queensland.                                     |
|                                      | {1902 Dec. 16.} |  |  |
|                                      | 1881 Dec. 6.}   | CULVERWELL, GEORGE                       | County Down Ry., Belfast.  |
|                                      | 1899 Dec. 12.}  | PARNALL, B.A. (Dubl.) ..                 |  |
|                                      | 1897 Jan. 12.}  | {CUNHA, ERNESTO ANTONIO                  | General Lassance, 22 Rua José Boni-<br>facio, Nictheroy, Rio de Janeiro.                 |
|                                      |                 | LASSANCE .. .. .                         |  |
| ✕                                    | {1878 Dec. 3.}  | {CUNNINGHAM, GRANVILLE CAR-              | Central London Ry., Oxford Circus<br>Station, W.C.                                       |
|                                      |                 | LYLE .. .. .                             |  |
|                                      | 1868 Dec. 1.}   | CURREY, ELIOTT SCARLETT ..               | Fachlwyd Hall, Cyffylliog, Ruthin.   |
|                                      | 1873 Apr. 1.}   |  |  |
| m                                    | {1877 Dec. 4.}  | *CURRY, Professor MATTHEW ..             | King's College, Strand, W.C.   |
|                                      | {1886 Jan. 19.} |  |  |
|                                      | 1891 Apr. 7.    | *CURRY, THOMAS ELMITT ..                 | {Roundhay, Clanricarde Gardens,<br>Tunbridge Wells.                                      |
|                                      | 1883 Apr. 3.    | CUTHBERT, EDWIN .. .. .                  | Drainage Board, Christchurch, N.Z.   |
| m ✕                                  | {1886 Dec. 7.}  | *CUTLER, HENRY ALBERT ..                 | City Engineer, Belfast.  |
|                                      | {1905 Apr. 11.} |  |  |
|                                      |                 |  |  |
|                                      | 1888 Dec. 4.}   | D'AETH, JOHN .. .. .                     | P.W. Office, Kingston, Jamaica.  |
|                                      | 1896 Apr. 21.}  |  |  |
|                                      | 1876 May 2.     | DAGLISH, GEORGE HEATON ..                | {Rock Mount, Aigburth, Liverpool.<br>(Daglish, Aigburth, Liverpool.<br>2717.)            |
| ✕                                    | {1894 Jan. 9.}  | {DALBY, Professor WILLIAM                | Central Technical College, Exhibi-<br>tion Road, S.W.                                    |
|                                      | {1898 Nov. 29.} | ERNEST, M.A. (Cantab.),<br>B.Sc. (Lond.) |  |
| T t m ✕                              | {1887 Dec. 6.}  | *DALRYMPLE - HAY, HARLEY                 | {Underground Electric Rys. Co.,<br>Hamilton House, Victoria Em-<br>bankment, E.C. [E.C.] |
|                                      | {1899 Mar. 28.} | HUGH .. .. .                             |  |
|                                      | 1899 Dec. 5.    | d'ALTON, PATRICK WALTER ..               | Dick, Kerr & Co., 110 Cannon Street,   |
|                                      | 1895 Feb. 2.}   | *DANA, ROBERT WASHINGTON,                | 15 Neville Street, Onslow Gardens,<br>S.W.   |
|                                      | 1905 Jan. 10.}  | M.A. (Cantab.) .. .. .                   |  |
|                                      | 1881 May 31.    | DANBY, WILLIAM .. .. .                   | Hong Kong.   |
|                                      | 1871 Mar. 7.    | DANGERFIELD, EDWARD .. ..                | 40 Central Hill, Upper Norwood, S.E.   |
|                                      | 1897 Dec. 7.    | DARBY, JOHN HENRY .. .. .                | Brymbo Hall, near Wrexham.   |
| ✕                                    | {1873 Dec. 2.}  | DARLEY, CECIL WEST, I.S.O.               | N.S.W. Government Office, 9 Vic-<br>toria Street, S.W.                                   |
|                                      | {1879 Jan. 7.}  | (former Member of Council.)              |  |
|                                      | 1883 Dec. 4.    | DARTNALL, WILLIAM WHITNEY                | Perth, Western Australia.  |
| W t ✕                                | {1877 Feb. 6.}  | DAVEY, HENRY .. .. .                     | {Parliament Chambers, Great Smith<br>Street, Westminster, S.W.                           |
|                                      | {1878 May 21.}  |  |  |
|                                      | 1884 May 6.     | DAVIDSON, JAMES YOUNG ..                 | {Stowe Lodge, Elm Grove, Wimble-<br>don, S.W.  |
|                                      | 1876 Dec. 5.}   | DAVIDSON, ROBERT .. .. .                 | 37 Surrey Street, Sheffield.   |
|                                      | 1885 Dec. 1.}   |  |  |
|                                      | 1888 May 1.}    | DAVIES, HARRY SEAGRAVE ..                | {Agency Engineer, Rajkot, Kathia-<br>war, India.   |
|                                      | 1899 Dec. 5.}   |  |  |
|                                      | 1884 May 6.     | DAVIES, WILLIAM .. .. .                  | The Celyn, Caergwrle, Wrexham.   |
|                                      | 1882 May 2.}    | *DAVIS, ALFRED THOMAS ..                 | County Surveyor, Shrewsbury.   |
|                                      | 1904 Mar. 29.}  |  |  |



| Date of Election<br>and of Transfer. |                                 | MEMBERS.   |  |
|--------------------------------------|---------------------------------|--|--|
| t ✕                                  | {1889 Dec. 3.<br>1891 Nov. 9.}  | DAVIS, JOSEPH .. .. .  | { Under Sec. for P.W. and Consulting<br>Engineer, Sydney, N.S.W.   |
| ✕                                    | {1884 Mar. 4.<br>1895 Jan. 22.} | *DAVISON, ROBERT COPE HARDY  | { 25 Victoria Street, S.W. (Groyne,<br>London. Westminster 5170.)  |
|                                      | 1906 Feb. 6.                    | DAWBARN, ROBERT ARTHUR ..  | 82 Victoria Street, S.W.   |
|                                      | {1893 Dec. 5.<br>1905 Dec. 19.} | *DAWSON, FREDERIC JOHN ..  | { Chief Eng., Roads and Bridges,<br>P.W.D., Transvaal.             |
|                                      | 1866 Dec. 4.                    | DAWSON, GEORGE JAMES   | { North Staffs. Ry., Stoke-on-Trent.                               |
|                                      | 1872 Mar. 27.                   | CROSBIE .. .. .  |  |
|                                      | 1894 May 1.                     | DAWSON, PHILIP .. .. .   | 29 Great George Street, S.W.                                       |
|                                      | 1904 Dec. 13.                   |  |  |
|                                      | 1886 Jan. 12.                   | *DAWSON, WILLIAM .. .. .   | L. & N. W. Ry., Crewe.   |
|                                      | 1896 Feb. 25.                   |  |  |
|                                      | 1886 Mar. 2.                    | DAWSON, WILLIAM .. .. .  | Town Hall, Leyton, E.  |
|                                      | 1896 Feb. 25.                   |  |  |
|                                      | 1878 Feb. 5.                    | *DAWSON, WILLIAM ALFRED ..   | 1 Victoria Street, S.W.  |
|                                      | 1884 Jan. 8.                    |  |  |
| W.M ✕                                | {1879 Dec. 2.<br>1905 Dec. 19.} | *DAWSON, WILLIAM BELL, M.A.,<br>Ma.E., D.Sc. (McGill) ..                     | { Marine Dept., Ottawa, Canada.                                    |
|                                      | 1883 Mar. 6.                    | DAY, ARTHUR JAMES .. .. .  | Northam Iron Works, Southampton.                                   |
|                                      | 1871 Jan. 10.                   | DAY, JAMES EDWARD .. .. .  | Violet Hill, Ballybrack, co. Dublin.                               |
| T W S t ✕                            | {1872 Dec. 3.<br>1874 Jan. 6.}  | { DEACON, GEORGE FREDERICK,<br>LL.D. (Glas.) (Member of<br>Council.) .. .. . | { 16 Great George Street, S.W.<br>(Vyrnwy, London. Victoria 1486.) |
|                                      | 1886 Dec. 7.                    | DEACON, MAURICE .. .. .  | Whittington House, nr. Chesterfield.                               |
|                                      | 1892 Dec. 20.                   |  |  |
| ✕                                    | {1874 May 5.<br>1886 May 11.}   | DEANE, HENRY, M.A. (Royal)<br>(former Member of Council.)                    | { Hoskins' Buildings, Spring Street,<br>Sydney, N.S.W.             |
|                                      | 1895 Dec. 3.                    | { DEANE, HENRY HARGRAVE,<br>B.A. (Dubl.) .. .. .                             | { B. B. & C. I. Ry., Bombay.                                       |
|                                      | 1891 Jan. 13.                   | *DEANS, HAROLD, B.A. (Cantab.)   | { G.W. Ry., Gen. Manager's Office,<br>Paddington, W.               |
|                                      | 1905 Feb. 28.                   |  |  |
|                                      | 1906 Mar. 6.                    | { DEARLOVE, JOSEPH ARTHUR<br>LOVEL .. .. .                                   | { 4 Great Winchester Street, E.C.                                  |
|                                      | 1886 Apr. 6.                    | DE BRATH, STANLEY .. .. .  | { Charters Towers, East Grinstead<br>Sussex.                       |
|                                      | 1894 Feb. 20.                   |  |  |
| t ✕                                  | {1888 May 15.<br>1894 Nov. 20.} | DE BURGH, ERNEST MACARTNEY   | P.W.D., Sydney, N.S.W.   |
|                                      | 1906 Feb. 6.                    | DEELEY, RICHARD MOUNTFORD  | { Melbourne House, Osmaston Road,<br>Derby.                        |
|                                      | 1868 Feb. 4.                    | DENHAM, CHARLES HENRY ..   | Taljeriah, Craneswater, Southsea.                                  |
| ✕                                    | {1886 Dec. 7.<br>1903 Jan. 13.} | *DENISON, ALBERT .. .. .   | Victoria, Hong Kong.   |
|                                      | 1889 Mar. 5.                    | DENNISON, GAVIN HADDEN ..  | The Firs, Meadowbank, Oamaru, N.Z.                                 |
|                                      | 1900 Apr. 3.                    | DENNY, ARCHIBALD .. .. .   | Leven Ship-Yard, Dumbarton, N.B.                                   |
|                                      | 1906 Mar. 6.                    | DENT, HARRY .. .. .  | { Southleigh House, Forest Hall,<br>Newcastle-on-Tyne.             |
|                                      | 1863 Apr. 14.                   | { DENT, WILLIAM DENT,<br>M.A. (Cantab.) .. .. .                              | { 5 Greenheys Road, Princes Park,<br>Liverpool.                    |
|                                      | 1891 Dec. 1.                    | { DENTON, EARDLEY BAILEY,<br>B.A. (Oxon.) .. .. .                            | { 9 Bridge Street, Westminster, S.W.                               |
| t ✕                                  | {1868 Feb. 4.<br>1893 May 9.}   | DE RUSSETT, EDWIN WILLIAM  | Warden House, Tynemouth.   |
| T ✕                                  | 1902 Apr. 22.                   | DEUCHARS, GEORGE, F.C.H. ..  | Thos. Cook & Son, Bombay.  |
|                                      | 1888 Mar. 2.                    | DEVERELL, THOMAS CLARK ..  | Durban, Natal.   |
|                                      | 1900 Apr. 3.                    |  |  |
| W t ✕                                | {1884 Mar. 4.<br>1899 Nov. 28.} | *DEWRANCE, JOHN .. .. .  | Cranmore Place, Chislehurst.                                       |
|                                      | 1888 Apr. 10.                   | DICK, FREDERICK JOHN .. .. .   | Point Loma, San Diego, Cal., U.S.                                  |
|                                      | 1893 May 2.                     |  |  |
|                                      | 1886 Dec. 7.                    | *DICKIE, ALEXANDER LOW ..  | { 79 The Chase, Clapham Common,<br>S.W.                            |
|                                      | 1905 Dec. 19.                   |  |  |
| ✕                                    | {1889 May 7.<br>1903 Apr. 7.}   | DICKINSON, ALFRED .. .. .  | { Telephone Buildings, Birmingham.<br>(Traction, Birmingham.)      |

Date of Election  
and of Transfer.

## MEMBERS.

|     |                 |   |  |
|-----|-----------------|---|--|
|     | 1860 Apr. 3.    | DICKINSON, JAMES AUSTEN ..  | { 5 Belgrave Square N., Monkstown,<br>co. Dublin.                        |
|     | 1895 Mar. 5.    | DICKSON, NORMAN BONNINGTON  | { Cuban Central Ry., Sagua la<br>Grande, Cuba.                           |
|     | 1901 Dec. 11.   |   |  |
|     | 1880 Apr. 6.    | DILLON, JAMES .. .. .   | 36 Dawson Street, Dublin.  |
|     | 1892 Feb. 2.    | DIXON, EDWARD KEVILLE,  | County Surveyor, Castlebar, Mayo.  |
|     | 1894 Nov. 27.   |   |  |
|     | 1895 Mar. 5.    | M.E. ( <i>Royal</i> ) .. .. .   |  |
|     | 1899 Nov. 28.   | DIXON, EDWARD WILSON ..   | Waterworks Engineer, Harrogate.  |
|     | 1891 May 12.    | DIXON, FREDERICK PARKER ..  | Town Hall, Rathmines, co. Dublin.  |
|     | 1897 Mar. 2.    | DIXON, JAMES RUSH .. ..   | { Council Offices, Maxeys Road,<br>Woolwich.                             |
|     | 1906 Jan. 9.    |   |  |
|     | 1892 Dec. 6.    | *DIXON, STEPHEN MITCHEL,  | { The University, Edgbaston, Bir-<br>mingham.                            |
|     | 1906 Mar. 20.   | MA., B.A.I. ( <i>Dubl.</i> ) .. ..  |  |
|     | 1878 Feb. 5.    | DIXON, WAYNMAN .. .. .  | { Cleveland Dockyard, Middlesbrough.<br>(Dixon, Middlesbrough.)          |
|     | 1882 Nov. 27.   |   |  |
| T t | { 1842 Mar. 1.  | DOBSON, EDWARD .. .. .  | Christchurch, Canterbury, N.Z.   |
|     | { 1881 Mar. 29. |   |  |
|     | { 1873 Feb. 4.  | *DOBSON, JAMES MURRAY ..  | 33 Great George Street, S.W.   |
|     | { 1880 Dec. 14. |   |  |
|     | 1891 Feb. 3.    | DOBSON, SYDNEY THORNTON ..  | { St. James and Pall Mall Electric<br>Light Co., Carnaby Street, W.      |
|     | 1898 Mar. 15.   |   |  |
|     | 1881 Apr. 5.    | { DODWELL, CHARLES EDWARDS<br>WILLOUGHBY, B.A. ( <i>King's</i><br><i>Coll., Nova Scotia</i> ) .. .. . | 46 Coburg Road, Halifax, Nova<br>Scotia.                                 |
|     | 1890 Feb. 18.   |   |  |
|     | 1889 May 7.     | DOLBY, ERNEST RICHARD ..  | { 8 Princes Street, Westminster,<br>S.W.                                 |
|     | 1901 Mar. 26.   |   |  |
|     | 1894 Dec. 4.    | { DOMINICO, GUILLERMO FREDERICO<br>JORGE .. .. .  | { Inspector General de Ferrocarriles,<br>Casa de Gobierno, Buenos Aires. |
|     | 1906 Apr. 3.    | *DONALDSON, ALEX. WANNAN ..   | 20 Victoria Street, S.W.   |
| t   | { 1882 Feb. 7.  | DONALDSON, HAY FREDERICK ..   | Wood Lodge, Shooter's Hill, Kent.  |
|     | { 1891 Apr. 7.  |   |  |
|     | 1897 Dec. 7.    | { DORMAN, JOHN WILLIAM,<br>M.A. ( <i>Dubl.</i> ) .. .. .  | Kinsale, Ireland.  |
|     | 1893 Feb. 7.    | DORMAN, RICHARD HENRY ..  | County Surveyor, Armagh.   |
|     | 1887 Apr. 5.    | DOUGALL, ANDREW, JUN. ..  | Gasworks, Tunbridge Wells.   |
|     | 1903 Dec. 22.   |   |  |
| T t | { 1882 May 23.  | *DOUGLASS, WILLIAM TREGAR-<br>THEN .. .. .  | 15 Victoria Street, S.W.   |
|     | { 1887 Dec. 6.  |   |  |
| W t | { 1871 Mar. 7.  | DOWSON, JOSEPH EMERSON ..   | { 39 Victoria Street, S.W. (Gaseous,<br>London.)                         |
|     | { 1884 May 13.  |   |  |
|     | 1896 Feb. 4.    | DREDGE, JAMES, C.M.G. ..  | 35 Bedford Street, Strand, W.C.  |
|     | 1854 May 2.     | DREW, EDWARD ALEXANDER ..   | The Mount, Braughing, Herts.   |
|     | 1864 Nov. 29.   |   |  |
| T t | { 1881 May 31.  | DRUMMOND, DUGALD .. ..  | L. & S. W. Ry., Nine Elms, S.W.  |
|     | { 1875 Feb. 2.  |   |  |
| T t | { 1878 Apr. 9.  | DUCKHAM, FREDERIC ELIOT ..  | Red House, Dartmouth Grove, S.E.   |
|     | { 1904 Dec. 6.  |   |  |
|     | 1901 Dec. 6.    | DUDGEON, ALEXANDER JOHN ..  | 63 Leadenhall Street, E.C.   |
|     | 1901 Dec. 6.    | DUDGEON, FREDERICK SCHEER   | Leigh Place, Cobham, Surrey.   |
|     | 1899 Dec. 5.    | DUFF, MATTHEW BUCHANAN ..   | 42 Frederick Street, Edinburgh.  |
|     | 1905 Jan. 10.   |   |  |
|     | 1904 Apr. 12.   | DUGDALE, WILLIAM HENRY ..   | Wear Dockyard, Sunderland.   |
|     | 1882 Feb. 7.    | { DUNCAN, Hon. GEORGE ALEX-<br>ANDER HALDANE .. .. .  | { H. Sotheman & Co., 37 Piccadilly,<br>W.                                |
|     | 1887 Dec. 6.    | DUNCAN, GEORGE SMITH ..   | P.O. Box 16, Melbourne, Victoria.  |
|     | 1885 Dec. 1.    | DUNCAN, ROBERT .. .. .  | Whitefield Works, Govan, Glasgow.  |
|     | 1884 May 27.    | DUNCANSON, THOMAS .. ..   | Corporation Waterworks, Liverpool.                                       |
|     | 1903 Feb. 10.   |   |  |
|     | 1896 Feb. 4.    | DUNKERLEY, Prof. STANLEY,<br>D.Sc. ( <i>Victoria</i> ) .. .. .  | Victoria University, Manchester.   |
|     | 1905 Apr. 11.   |   |  |
|     | 1883 Dec. 4.    | DUNLOP, CHARLES BLACKBURN   | { The Nizam's State Ry., Secundera-<br>bad, Deccan.                      |
|     | 1904 Dec. 6.    | DUNLOP, DAVID JOHN .. ..  | Inch Works, Port Glasgow.  |



| Date of Election<br>and of Transfer. |                   | MEMBERS.  |  |
|--------------------------------------|-------------------|---|--|
|                                      | 1896 May 5.       | DUNN, GEORGE OWEN WILLIAM                       | Grindlay, Groom & Co., Bombay.         |
|                                      | 1879 May 6.}      | DUNSCOMBE, CLEMENT,                             | 92 Victoria Street, S.W.               |
|                                      | 1883 Jan. 23.}    | M.A. ( <i>Dubl.</i> ) .. .. .                   | (Persuade, London.)                    |
|                                      | 1906 Jan. 9.      | { DUPUIS, CHARLES EDWARD.                       | Khartoum, Sudan.                       |
|                                      |                   | M.A. ( <i>Cantab.</i> ), F.C.H. ..              |  |
|                                      | 1894 Mar. 6.      | DUQUEMIN, JAMES .. .. .                         | Braemar, St. Peter Port, Guernsey.     |
| m                                    | † { 1893 Dec. 5.} | *DURLEY, RICHARD JOHN.                          | McGill University, Montreal, Canada.   |
|                                      | 1905 Dec. 19.}    | B.Sc. ( <i>Lond.</i> ), Ma.E. ( <i>McGill</i> ) |  |
| S.W.t                                | † { 1897 Apr. 6.} | DURSTON, Sir ALBERT JOHN.                       | 4 Westcombe Park Road, Black-          |
|                                      |                   | K.C.B., R.N. .. .. .                            | heath, S.E.                            |
|                                      | 1887 May 3.}      | DYACK, WILLIAM .. .. .                          | Burgh Surveyor, Aberdeen.              |
|                                      | 1897 Nov. 30.}    |   |  |
|                                      | 1869 Jan. 12.}    | DYKE, THOMAS, B.A. ( <i>Oxon.</i> ) ..          | 13 Upper Belgrave Road, Clifton,       |
|                                      | 1869 Dec. 7.}     |   | Bristol.                               |
|                                      |                   |   |  |
|                                      | 1866 Dec. 4.}     | EACHUS, GEORGE EEDS .. .. .                     | 39 Old Queen St., Westminster, S.W.    |
|                                      | 1871 Mar. 28.}    |   | (Tottenham 72.)                        |
|                                      | 1893 Apr. 11.}    | EADY, GEORGE GRIFFIN .. .. .                    | Parliament Mansions, Victoria          |
|                                      | 1901 Dec. 17.}    |   | Street, S.W.                           |
|                                      | 1896 Feb. 4.      | EARLE, HARDMAN ARTHUR .. .. .                   | Knightsbridge Mansions, Brompton       |
|                                      |                   |   | Road, S.W.                             |
|                                      | 1896 Dec. 1.}     | *EASTON, WILLIAM CECIL,                         | Glasgow Main Drainage Works,           |
|                                      | 1904 Dec. 13.}    | B.Sc. ( <i>Glas.</i> ) .. .. .                  |  |
|                                      |                   |   | Partick, Glasgow.                      |
|                                      | 1877 Apr. 10.}    | EATON, EDWARD MICHAEL .. .. .                   | 28 Victoria Street, S.W.               |
|                                      | 1902 Apr. 29.}    |   |  |
|                                      | 1883 Feb. 6.}     | EAYRS, JOHN THOMAS .. .. .                      | Clarence Chambers, Corporation         |
|                                      | 1893 Dec. 19.}    |   | Street, Birmingham. [W.                |
|                                      | 1854 Apr. 4.      | ECKERSLEY, WILLIAM .. .. .                      | 37 Palliser Road, West Kensington,     |
|                                      | 1889 May 7.}      | *EDGE, FREDERIC JAMES .. .. .                   | City Engineer, Newcastle-on-Tyne.      |
|                                      | 1905 Jan. 10.}    |   |  |
|                                      | 1899 Dec. 5.      | EDMONDS, HENRY .. .. .                          | { 2 Queen Anne's Gate, Westminster,    |
|                                      |                   |   | S.W.                                   |
|                                      | 1904 Jan. 12.     | EDWARDS, GUILFORD LINDSAY                       | B. & N. W. Ry., Gorakhpore, India.     |
|                                      | 1890 Mar. 4.}     | *EGERTON, CLAUDE FRANCIS                        | Blythburgh, Suffolk.                   |
|                                      | 1902 Dec. 16.}    | ARTHUR .. .. .                                  |  |
|                                      | 1889 Apr. 2.}     | ERIN, TOM CHARLES .. .. .                       | 21 Old Queen Street, Westminster,      |
|                                      | 1904 Feb. 16.}    |   | S.W.                                   |
|                                      | 1884 May 27.      | { ELGAR, FRANCIS, LL.D. ( <i>Glas.</i> ),       | 18 Cornwall Terrace, Regent's Park,    |
|                                      |                   | F.R.S. ( <i>Member of Council.</i> )            | N.W.                                   |
| S t                                  | † { 1872 Feb. 6.} | ELIOT, WHATELY .. .. .                          | 11 Alfred Street, Plymouth.            |
|                                      | 1878 Jan. 29.}    |   |  |
|                                      | 1874 Dec. 1.}     | ELLICE - CLARK, EDWARD                          | Gore Court, Otham, Maidstone.          |
|                                      | 1882 May 23.}     | BAUDOUIN .. .. .                                |  |
| W t                                  | † { 1882 Dec. 5.} | ELLINGTON, EDWARD BAYZAND                       | 9 Bridge Street, Westminster, S.W.     |
|                                      |                   |   | (Hydrower, London.)                    |
|                                      | 1890 May 20.}     | ELLIOT, MICHAEL .. .. .                         | Molesworth Chambers, Little Collins    |
|                                      | 1906 Feb. 6.}     |   | Street, Melbourne.                     |
| †                                    | 1897 Dec. 7.      | { ELLIOTT, Professor ARCHIBALD                  | University College, Cardiff.           |
|                                      |                   | CAMPBELL, D.Sc. ( <i>Edin.</i> ) ..             |  |
|                                      | 1872 Feb. 6.      | ELLIOTT, Cavaliere JOHN .. .. .                 | 31 Via S. Spirito, Florence.           |
|                                      | 1880 Mar. 2.      | ELLIS, ATTWILL .. .. .                          | c.o. Capital & Counties Bank, Dawlish. |
|                                      | 1888 Dec. 4.}     | ELLIS, EDWARD .. .. .                           | G. N. Ry., Leeds.                      |
|                                      | 1896 Mar. 17.}    |   | Commissioner of Public Works,          |
|                                      | 1902 Feb. 4.      | ELLIS, HENRY DISNEY .. .. .                     | Kuching, Sarawak.                      |
|                                      |                   |   | Atlas Works, Sheffield.                |
|                                      | 1884 Jan. 8.      | ELLIS, JOHN DEVONSHIRE .. .. .                  |  |
|                                      | 1887 Dec. 6.}     | *ELLIS, REGINALD EATON .. .. .                  | Mewburn, Ellis & Pryor, 70 Chancery    |
|                                      | 1896 Mar. 3.}     |   | Lane, W.C. (Patent, London.            |
|                                      | 1888 May 1.}      |   | Holborn 243.)                          |
|                                      | 1904 Mar. 22.}    | ELLIS, WILLIAM HENRY .. .. .                    | Atlas Works, Sheffield.                |

| Date of Election<br>and of Transfer. |       | MEMBERS.   |  |
|--------------------------------------|-------|--|--|
| 1866 Apr. 10.                        | }     | ELLIS, WILLIAM IRLAM .. ..   | 49 Deansgate, Manchester.  |
| 1884 Mar. 18.                        |       |  |  |
| 1873 May 6.                          | }     | ELWES, RICHARD GERVASE .. ..   | 35 Baring Road, Lee, S.E.  |
| 1878 Apr. 9.                         |       |  |  |
| 1873 Dec. 2.                         | }     | *ELWIN, CHARLES .. ..  | { County Council, Spring Gardens,<br>S.W.  |
| 1893 May 9.                          |       |  |  |
| 1888 Dec. 4.                         | }     | ELY, THEODORE NEWEL .. ..  | { Pennsylvania Railroad, Broad St.,<br>Philadelphia, Pa., U.S.                             |
| 1892 Feb. 2.                         |       |  |  |
| 1900 Dec. 18.                        | }     | *EMERSON, AMBROSE .. ..  | { Crown Point, Castle Bar Road,<br>Ealing, W.  |
| 1876 May 2.                          |       |  |  |
| 1883 Nov. 6.                         | }     | EMMOTT, PHILIP RICKMAN .. ..   | Willow Brae, Parkstone, Poole.   |
| 1893 Feb. 7.                         |       |  |  |
| 1905 Feb. 21.                        | }     | EMMOTT, WALTER .. ..   | 1 South Parade, Halifax.   |
| 1876 Mar. 7.                         |       |  |  |
| T t ✚ { 1884 Jan. 22.                | ✚ {   | ENDE, MAX AM .. ..   | 18 Abingdon Street, S.W.   |
| 1890 May 6.                          |       |  |  |
| 1894 Dec. 18.                        | }     | ESSON, WILLIAM BEEDIE .. ..  | 1 Victoria Street, S.W.  |
| 1874 Dec. 1.                         |       |  |  |
| 1895 Nov. 26.                        | }     | ESTALL, GEORGE .. ..   | { Metropolitan District Ry. Works,<br>West Brompton, S.W.                                  |
| 1896 Mar. 3.                         |       |  |  |
| 1890 May 6.                          | }     | ETLINGER, JOHN ERNEST .. ..  | Ewood, Hampton-on-Thames.  |
| 1882 Mar. 7.                         |       |  |  |
| 1900 Mar. 6.                         | }     | EVANS, CHARLES THOMAS .. ..  | 22 Mill Road, Eastbourne.  |
| 1890 Dec. 2.                         |       |  |  |
| 1884 May 27.                         | }     | EVANS, MORTIMER .. ..  | Savile Club, Piccadilly, W.  |
| 1870 May 3.                          |       |  |  |
| 1886 Mar. 1.                         | }     | EVANS, NEVILLE .. ..   | Beach Mount, Waterloo, Lancashire.   |
| 1886 Feb. 2.                         |       |  |  |
| 1903 Feb. 17.                        | }     | EVANS, WILLIAM .. ..   | Cyfarthfa Works, Merthyr Tydfil.   |
| 1841 Mar. 16.                        |       |  |  |
| ✚ { 1865 Dec. 5.                     | ✚ {   | EVENS, THOMAS .. ..  | 3 Crescent Road, South Norwood, S.E.   |
| 1884 May 6.                          |       |  |  |
| t ✚ { 1882 Jan. 10.                  | t ✚ { | *EVERARD, JOHN BREEDON .. ..   | 6 Millstone Lane, Leicester.   |
| 1891 Nov. 3.                         |       |  |  |
| T t F ✚ { 1886 Feb. 2.               | ✚ {   | EVERETT, JOHN EDWARD .. ..   | Gyles Quay, Waterford.   |
| 1891 Mar. 3.                         |       |  |  |
| 1905 Apr. 11.                        | }     | EWING, JAMES ALFRED, M.A.<br>( <i>Cantab.</i> ), LL.D. ( <i>Edin. and</i><br><i>St. And.</i> ), F.R.S. .. .. | { Director of Naval Education to the<br>Admiralty, Royal Naval College,<br>Greenwich, S.E. |
| 1874 Dec. 1.                         |       |  |  |
| 1880 Nov. 9.                         | }     | EWING, JAMES MUIR .. ..  | { Madras Railway, Madras, Southern<br>India.   |
| 1874 Dec. 1.                         |       |  |  |
| 1880 Nov. 9.                         | }     | EYLES, GEORGE LANCELOT, C.M.G.   | { 12 Dean's Yard, Westminster, S.W.<br>(Gregory, London. Westminster 358.)                 |
| 1879 May 27.                         |       |  |  |
| ✚ { 1880 Dec. 7.                     | ✚ {   | FAHEY, CHARLES SWAINE .. ..  | { Newstead, Darley Road, Meads,<br>Eastbourne.   |
| 1880 Feb. 3.                         |       |  |  |
| 1897 Nov. 30.                        | }     | *FAHIE, WILLIAM JOSEPH .. ..   | 49 Ailesbury Road, Dublin.   |
| 1887 Dec. 6.                         |       |  |  |
| 1891 Jan. 27.                        | }     | *FAREWELL, CHARLES WILLIAM .. ..   | J. R. Farewell, Governor's House,<br>H.M. Prison, Wakefield.                               |
| 1875 May 4.                          |       |  |  |
| 1894 Nov. 27.                        | }     | FREKE .. ..  | Farrar Bros., 4 London Wall Build-<br>ings, E.C.   |
| 1893 May 16.                         |       |  |  |
| 1904 Mar. 22.                        | }     | *FARRAR, SIDNEY HOWARD .. ..   | Fairwood, Pine Grove, Weybridge.   |
| 1888 May 1.                          |       |  |  |
| 1896 May 5.                          | }     | *FAVELL, THOMAS MILNES .. ..   | Fairwood, Pine Grove, Weybridge.   |
| 1901 Apr. 2.                         |       |  |  |
| 1905 Dec. 19.                        | }     | *FAWCETT, EDMUND ALDERSON .. ..  | Easby, Northwood, Middlesex.   |
| 1868 Apr. 7.                         |       |  |  |
| 1877 Oct. 30.                        | }     | SANDFORD .. ..   | { Electricity Dept., Commercial Street,<br>Sheffield.                                      |
| 1868 Apr. 7.                         |       |  |  |
| 1877 Oct. 30.                        | }     | *FAWCUS, WILLIAM PAUL JAMES .. ..  | 6 Eliot Hill, Lewisham, S.E.   |
| 1868 Apr. 7.                         |       |  |  |
| 1877 Oct. 30.                        | }     | FEDDEN, SAMUEL EDGAR .. ..   | { Electricity Dept., Commercial Street,<br>Sheffield.                                      |
| 1868 Apr. 7.                         |       |  |  |
| 1877 Oct. 30.                        | }     | FENNER, HENRY ALGERNON .. ..   | 6 Eliot Hill, Lewisham, S.E.   |
| 1868 Apr. 7.                         |       |  |  |
| 1877 Oct. 30.                        | }     | SHRAPNEL .. ..   | { Electricity Dept., Commercial Street,<br>Sheffield.                                      |
| 1868 Apr. 7.                         |       |  |  |

| Date of Election<br>and of Transfer. |   | MEMBERS.  |   |
|--------------------------------------|---|---|---|
| 1874 Dec. 1.                         | } | *FENWICK, CHARLES RICHARD   | 1 Park Place, Leeds.  |
| 1905 Jan. 24.                        |   |   |   |
| 1871 May 2.                          | } | FERGUSON, HENRY TANNER ..   | Wolleigh, Bovey Tracey.   |
| 1884 Oct. 14.                        |   |   |   |
| 1892 May 3.                          | } | *FERGUSON, JOHN .. ..   | 160 Hope Street, Glasgow.   |
| 1902 Mar. 18.                        |   |   |   |
| 1880 Dec. 7.                         | } | FERGUSON, WILLIAM,<br>M.A., B.A.I. ( <i>Dubl.</i> ) .. ..   | 85 Coromandel Street, Wellington,<br>N.Z.   |
| 1893 May 16.                         |   |   |   |
| † { 1884 Dec. 2.                     | } | *FERGUSON, JOHN COLEMAN ..  | { Winchester House, Victoria Square,<br>Birmingham.                                       |
| 1895 Nov. 26.                        |   |   |   |
| 1886 Jan. 12.                        | } | FERNAU, JOHN JAMES .. ..  | 59 Osborne Road, Newcastle-on-<br>Tyne.   |
| 1900 Dec. 18.                        |   |   |   |
| 1900 Feb. 6.                         | } | FERRANTI, SEBASTIAN ZIANA DE  | { Ingleside, Lyndhurst Road, Hamp-<br>stead, N.W.   |
| 1867 May 21.                         |   |   |   |
| 1877 Oct. 30.                        | } | FERRAR, WILLIAM GREY ..   | { St. Philip's Vicarage, Bethnal<br>Green, E.   |
| 1903 Mar. 3.                         |   |   |   |
| 1879 Jan. 14.                        | { | FERRIER, ROBERT MUIR, .. ..   | University College, Bristol.  |
| 1881 Mar. 1.                         |   |   |   |
| 1896 Dec. 1.                         | { | FIDDES, WALTER .. ..  | { 2 Queen's Avenue, Tyndall's<br>Park, Clifton, Bristol.                                  |
| 1893 Mar. 7.                         |   |   |   |
| 1905 Feb. 21.                        | { | FIDLER, ALFRED .. ..  | Borough Engineer, Northampton.  |
| 1893 Jan. 10.                        |   |   |   |
| 1903 Apr. 21.                        | { | FIDLER, HENRY .. ..   | { Fernlea, Grove Park Road, Chis-<br>wick, W.   |
| t † { 1880 Jan. 13.                  |   |   |   |
| 1891 Feb. 3.                         | { | FIDLER, Prof. THOMAS CLAXTON  | University College, Dundee.   |
| 1886 Feb. 2.                         |   |   |   |
| 1885 Feb. 3.                         | { | FIELD, GEORGE ROBERT MOYLE  | P.W.D., Jhelum, Punjab.   |
| 1886 Feb. 2.                         |   |   |   |
| 1885 Feb. 3.                         | { | FIELDING, JOHN .. ..  | Atlas Works, Gloucester.  |
| 1885 Feb. 3.                         |   |   |   |
| 1885 Feb. 3.                         | { | FINCHAM, JAMES .. ..  | { Engineer-in-Chief, Hobart, Tas-<br>mania.   |
| 1886 Apr. 6.                         |   |   |   |
| 1896 Mar. 3.                         | } | *FIRTH, CHARLES .. ..   | Holmlands, Barnard Castle.  |
| 1875 Dec. 7.                         |   |   |   |
| 1881 May 31.                         | } | FISHER, HENRY OAKDEN ..   | Ty Mynydd, Radyr, Cardiff.  |
| 1879 Dec. 2.                         |   |   |   |
| 1884 Nov. 25.                        | } | FITCH, BENNETT .. ..  | 7 Grange Road, Ealing, W.   |
| 1883 May 29.                         |   |   |   |
| † { 1898 Feb. 15.                    | } | *FITZGIBBON, GERALD .. ..   | Aire and Calder Navigation, Leeds.  |
| 1898 Dec. 6.                         |   |   |   |
| 1905 Jan. 10.                        | } | FITZGIBBON, PHILIP JOHN ..  | c.o. Grindlay, Groom & Co., Bombay  |
| 1887 Feb. 1.                         |   |   |   |
| † { 1893 Dec. 5.                     | } | *FITZMAURICE, MAURICE,<br>C.M.G., M.A., M.A.I. ( <i>Dubl.</i> )<br>( <i>Member of Council</i> ) .. .. | { London County Council, Spring<br>Gardens, S.W. (c.o. Witan, Lon-<br>don. Gerrard 4201.) |
| 1879 Feb. 4.                         |   |   |   |
| † { 1885 Mar. 3.                     | } | FLANNERY, Sir JAMES FOR-<br>TESCUE, Bart., M.P. .. ..   | 9 Fenchurch Street, E.C.  |
| 1871 May 23.                         |   |   |   |
| 1871 May 23.                         | { | { FLEMING, Sir SANDFORD,<br>K.C.M.G. .. ..  | Ottawa, Canada.   |
| 1894 Dec. 4.                         |   |   |   |
| 1904 Feb. 2.                         | { | FLETCHER, WALTER JOHN ..  | County Surveyor, Wimborne.  |
| 1871 Dec. 5.                         |   |   |   |
| 1885 Nov. 10.                        | { | { FLOYD, WALTER COMBERMERE<br>LEE .. ..   | 13 Miles Road, Clifton, Bristol.  |
| 1890 May 20.                         |   |   |   |
| 1900 Jan. 30.                        | { | FOORD, HERBERT TAYNTON ..   | 5 Park Road, Winchester.  |
| 1867 May 7.                          |   |   |   |
| † { 1877 May 1.                      | } | FOOTNER, HARRY .. ..  | St. David's, Berkhamstead.  |
| 1883 May 29.                         |   |   |   |
| 1889 Mar. 5.                         | { | FORBES, Edmund BATTEN ..  | F. C. Taltal, Taltal, Chile.  |
| 1889 Mar. 5.                         |   |   |   |
| 1889 Apr. 2.                         | { | FORBES, Professor GEORGE,<br>M.A. ( <i>Cantab.</i> ), F.R.S. ..                                       | 34 Great George Street, S.W.  |
| 1899 Mar. 28.                        |   |   |   |
| t † { 1899 Mar. 28.                  | } | FORD, JAMES THOMAS .. ..  | C.M. Ry., Cartagena, U.S. Colombia.   |
| 1895 May 21.                         |   |   |   |
| 1901 Dec. 17.                        | { | FORGIE, JAMES .. ..   | { P.R.R. Tunnels, 1 West 34th Street,<br>New York, U.S.                                   |
| 1901 Dec. 17.                        |   |   |   |



| Date of Election<br>and of Transfer. |  | MEMBERS.   |  |
|--------------------------------------|--|--|--|
| 1905 Apr. 4.                         |  | FORSTER, ALFRED LLEWELLYN                          | Water Co., Newcastle-on-Tyne.  |
| 1890 Dec. 2.                         |  | FOSTER, FRANK .. .. .                              | F. C. Oeste, Once, Buenos Aires.   |
| 1904 Dec. 13.                        |  |  |  |
| 1886 Mar. 2.                         |  | FOWLE, FULWAR CRAVEN ..                            | 1 Montgomery Road, Sheffield.  |
| 1905 Dec. 19.                        |  | *FOWLER, ALEXANDER FAR-<br>QUHARSON .. .. .        | 3 Cook Street, Liverpool.  |
| † { 1889 Jan. 8.                     |  |  |  |
| † { 1900 Feb. 27.                    |  | FOWLER, ALFRED MOUNTAIN ..                         | 1 St. Peter's Square, Manchester.  |
| 1869 Feb. 2.                         |  |  |  |
| 1875 Jan. 26.                        |  | *FOWLER, ALPIN GRANT .. ..                         | Sea View, I.W.   |
| 1873 Feb. 4.                         |  |  |  |
| 1883 Dec. 11.                        |  | FOWLER, GEORGE .. .. .                             | Basford Hall, near Nottingham.   |
| † { 1871 Feb. 7.                     |  |  |  |
| † { 1877 Dec. 18.                    |  | FOWLER, THOMAS WALKER, {<br>M.C.E. (Melb.) .. .. . | { Blaris, Carlyle Street, Hawthorn,<br>Melbourne, Victoria.  |
| 1887 Dec. 6.                         |  |  |  |
| 1902 Dec. 2.                         |  | FOWLER, WILLIAM HENRY ..                           | Sale Lodge, Sale, Cheshire.  |
| † { 1885 Feb. 3.                     |  |  |  |
| † { 1900 Feb. 20.                    |  | FOX, ARTHUR DOUGLAS .. ..                          | St. George's Lodge, Arlington Villas,<br>[Brighton.  |
| 1869 Mar. 2.                         |  |  |  |
| 1880 Nov. 2.                         |  | *FOX, CHARLES HEYLAND ..                           | { Broad Street House, Old Broad<br>Street, E.C.  |
| 1886 Feb. 2.                         |  |  |  |
| 1900 Jan. 23.                        |  | FOX, DANIEL MAKINSON .. ..                         | 9 Orme Court, Bayswater Hill, W.   |
| t † { 1860 Apr. 3.                   |  |  |  |
| T t m † { 1866 Feb. 6.               |  | FOX, Sir DOUGLAS<br>(Past-President.) .. .. .      | { 28 Victoria Street, S.W. (Traction,<br>London. Westminster 10.)  |
| T † { 1860 May 1.                    |  |  |  |
| T † { 1860 May 1.                    |  | FOX, FRANCIS .. .. .                               | Roden, Landscore Road, Teignmouth.   |
| T S C t † { 1870 Dec. 6.             |  |  |  |
| T S C t † { 1874 Mar. 17.            |  | FOX, FRANCIS DOUGLAS, {<br>M.A. (Cantab.) .. .. .  | { 28 Victoria Street, S.W. (Traction,<br>London. Westminster 10.)  |
| T t † { 1893 Dec. 5.                 |  |  |  |
| T t † { 1902 Mar. 25.                |  | FOX, FREDERICK GEORGE BROOK {<br>[1153.]           | { Ringmore Vean, Kingsbridge,<br>Devon.  |
| 1882 Mar. 7.                         |  |  |  |
| 1891 Mar. 24.                        |  | FOX, WILLIAM .. .. .                               | 5 Victoria Street, S.W. (P.O. Victoria,  |
| † { 1877 Dec. 4.                     |  |  |  |
| 1877 Jan. 16.                        |  | *FOXLEE, WILLIAM THEODORE                          | 53 Victoria Street, S.W.   |
| 1884 May 27.                         |  |  |  |
| 1901 Feb. 5.                         |  | FRANCIS, GEORGE BLINN ..                           | { Westinghouse, Church, Kerr & Co.,<br>8 Bridge Street, New York, U.S.                                       |
| 1884 Feb. 5.                         |  |  |  |
| 1901 Dec. 11.                        |  | FRANCIS, HARRY .. .. .                             | 12 Lockyer Street, Plymouth.   |
| † { 1880 Jan. 13.                    |  |  |  |
| † { 1883 Apr. 17.                    |  | FRANKLIN, FREDERICK AUGUSTUS                       | Coly House, Colyton, Devon.  |
| 1889 Dec. 3.                         |  |  |  |
| 1902 Dec. 2.                         |  | FRASER, HUGH BARRON ..                             | Mount Morgan, Queensland.  |
| 1873 Dec. 2.                         |  |  |  |
| 1883 May 22.                         |  | FRASER, JAMES .. .. .                              | { 100 Castle Street, Inverness. (Fraser,<br>Civil Engineer, Inverness.)                                      |
| 1895 May 21.                         |  |  |  |
| 1897 Apr. 6.                         |  | FRASER, JAMES GRANT .. ..                          | { Engineer-in-Chief for Existing Lines,<br>Govt. Rys., Bridge Street, Sydney,<br>N.S.W.                      |
| t † { 1862 May 6.                    |  |  |  |
| 1875 Feb. 2.                         |  | FRASER, PHILIP AFFLECK ..                          | Moniack, Beaulieu, N.B.  |
| 1888 Nov. 20.                        |  |  |  |
| 1894 Jan. 9.                         |  | FRASER, SAMUEL GORDON ..                           | 14 Westmoreland Street, Dublin.  |
| † { 1882 Dec. 5.                     |  |  |  |
| † { 1889 Jan. 15.                    |  | FRECHEVILLE, ROBERT JAMES {<br>Avenue 2456.)       | { 7 Lothbury, E.C. (Fratibus, London.<br>Directoria de Obras, Prefeitura do<br>Município, São Paulo, Brazil. |
| 1905 Dec. 5.                         |  |  |  |
| 1887 Apr. 5.                         |  | FREITAS, ANTONIO DE PAULA {<br>[1153.]             | { Rua Marquez d'Abrantes 82, Rio de<br>Janeiro.  |
| t † { 1895 Apr. 2.                   |  |  |  |
| t † { 1905 Jan. 10.                  |  | *FRERE, FRANK HORACE ..                            | Eng.'s Office, M. Ry., Derby.  |
| 1891 Apr. 7.                         |  |  |  |
| 1905 Jan. 10.                        |  | { *FRIEDRICH, HERBERT FER-<br>DINAND .. .. .       | { Corporation Electricity Works,<br>West Hartlepool.   |
| 1893 Dec. 5.                         |  |  |  |
| 1902 Mar. 11.                        |  | FRIEND, ASTLEY PASTON ..                           | Waterworks, Cairo.   |



| Date of Election<br>and of Transfer.                                  | MEMBERS.   |  |
|---|--|--|
| *<br>{1878 May 7.<br>1892 Jan. 26.<br>1882 Dec. 5.<br>1900 Apr. 10.}  | *FRIEND, CHARLES ARTHUR ..<br>*FROST, HENRY FRANCIS BURNES | San Vicente 17, Seville, Spain.<br>P.W.D., Ferozepore, Punjab.                   |
| 1884 May 27.  | FROUDE, ROBERT EDMUND, F.R.S.                              | {Admiralty Experiment Works, Gos-<br>port. (Froude, Claremont, Alver-<br>stoke.) |
| *<br>{1864 Feb. 2.<br>1878 Jan. 29.<br>1881 Dec. 6.<br>1888 Nov. 20.} | FULLER, GEORGE .. ..<br>FULTON, JAMES EDWARD ..            | 71 Lexham Gardens, Kensington, W.<br>27 The Terrace, Wellington, N.Z.            |
| m<br>{1875 May 4.<br>1884 May 27.}                                    | *FYSON, ALFRED .. ..                                       | 1 Victoria Street, S.W.  |
| 1877 Feb. 6.  | GABBETT, EDMOND RICH ..                                    | 64 Vanbrugh Park, Blackheath, S.E.   |
| 1891 Dec. 8.  |  |  |
| 1872 May 7.   | GAEL, CHARLES EDWARD,                                      | {  |
| 1878 May 14.  | B.A. ( <i>Cantab.</i> ) .. ..                              | Charlton Kings, Cheltenham.  |
| 1886 May 18.  | GAHAN, HENRY HERBERT ..                                    | {Agivey House, Culcrow, Ballymoney,  |
| 1892 Apr. 26.   |  | co. Antrim.  |
| 1865 Mar. 7.  | {GALBRAITH, WILLIAM  | {  |
| 1884 Feb. 5.  | ROBERT ( <i>Vice-President.</i> ) ..                       | 20 Victoria Street, S.W. (West-  |
| 1896 Dec. 15.   | GALE, ROBERT MACNISH ..                                    | minster 252.)  |
| 1893 Dec. 5.  | *GALE, WILLIAM MORRIS ..                                   | {Municipal Offices, Johannesburg,  |
| 1903 Jan. 27.   |  | Transvaal.   |
| 1891 Mar. 3.  | *GALES, ROBERT RICHARD, F.C.H.                             | {1 Athole Gardens Place, Kelvinside,   |
| 1904 Dec. 13.   |  | Glasgow.   |
| 1886 Jan. 12.   | GALIZIA, EMMANUEL LEWIS ..                                 | King, King & Co., Bombay.  |
| ✠ 1886 Dec. 7.  | GALWEY, WILLIAM, M.A.I. ( <i>Dubl.</i> )                   | King, King & Co., Bombay.  |
| 1891 Mar. 3.  | GAMBLE, FRANCIS CLARKE ..                                  | 64 Strada Vescovo, Valetta, Malta.   |
| 1883 Dec. 4.  | GANGA RAM, <i>Rai Bahadur.</i>                             | Waterworks Co., Monte Video.   |
| 1888 Nov. 20.   | C.I.E. .. ..   | P.W.D., Victoria, British Columbia.  |
| 1875 Feb. 2.  | *GARDINER, JOSEPH JONES ..                                 | P.W.D., Lahore, India.   |
| 1896 Jan. 21.   | *GARDNER, JOHN WISHART                                     | Score, Ilfracombe.   |
| 1894 Dec. 4.  | FAIRLIE .. ..  | {15 Waverley Gardens, Crossmyloof,   |
| 1905 Dec. 19.   |  | Glasgow.   |
| ✠ 1891 Mar. 3.  | GARFORTH, WILLIAM EDWARD                                   | Snydale Hall, near Pontefract.   |
| 1873 Dec. 2.  | *GARLAND, WALTER FAITHFULL                                 | {Aylesbury and Garland, Tapah,   |
| 1887 Oct. 25.   |  | Perak, S.S.  |
| 1869 May 11.  | GARRETT, FRANK .. ..                                       | {Leiston Works, Suffolk. (Garrett,   |
| 1880 Dec. 21.   |  | Leiston.)  |
| 1896 Dec. 1.  | GARROD, JOHN REBBECK ..                                    | {F.C.E.R., Parana, Entre Rios,   |
| 1904 Dec. 13.   |  | Argentina.   |
| 1872 Jan. 9.  | GARWOOD, ALFRED EDWARD ..                                  | Hazlewood, Stow Park, Newport,   |
| 1878 Feb. 26.   |  | [Mon.]   |
| 1895 Jan. 8.  | *GASK, PERCY TILLSON .. ..                                 | Mollendo, Peru.  |
| 1904 Feb. 2.  |  | {Surrey Commercial Docks, Rother-  |
| 1883 Dec. 4.  | GASKELL, JAMES STRANACK ..                                 | hithe, S.E.  |
| 1892 Feb. 9.  |  | {  |
| 1868 Dec. 1.  | GASKELL, THOMAS PENN ..                                    | 14 Victoria Street, S.W.   |
| 1885 Dec. 15.   | {GASKIN, DONALD MACDONALD                                  | {87 Garmoyle Road, Sefton Park,  |
| 1875 Mar. 2.  | FORD .. ..   | Liverpool.   |
| 1881 Nov. 29.   | GASS, JOHN .. ..   | Engineer's Office, Tower Bridge, S.E.  |
| 1904 Dec. 6.  |  | {Engineer-in-Chief, General Post   |
| 1899 Dec. 5.  | GAVEY, JOHN, C.B. .. ..                                    | Office, E.C.   |
| 1904 Apr. 12.   | GEDDES, CHARLES DAVID ..                                   | 21 Young Street, Edinburgh.  |

| Date of Election<br>and of Transfer. |  | MEMBERS.  |  |
|--------------------------------------|--|---|--|
| 1873 Dec. 2.                         |  | GEOGHEGAN, HENRY THOMAS                         | {Newport House, Donabate, co. Dublin.                                  |
| 1876 Mar. 7.}                        |  | GHEWY, ALBERT BROWN ..                          | {Benwell House, Woodchester, Stroud, Glos.                             |
| 1879 May 27.}                        |  |   |  |
| 1900 Dec. 4.                         |  | GIBB, WILLIAM DOIG .. ..                        | {Elmfield Road, Gosforth, Newcastle-on-Tyne. (Gas, Newcastle-on-Tyne.) |
| 1882 Jan. 10.                        |  | GIBBONS, THOMAS HUGHES ..                       | {G. W. Ry., Engineer's Office, Plymouth.                               |
| 1904 Jan. 12.                        |  | GIBBS, GEORGE .. .. .                           | 10 Bridge Street, New York, U.S.                                       |
| 1893 Jan. 10.}                       |  | *GIBSON, GEORGE LAMBERT ..                      | {G. W. Ry., Harbour Works, Goodwick, Pem.                              |
| 1903 Dec. 22.}                       |  |   |  |
| 1892 Dec. 6.                         |  | GILBERT, CHARLES FREDERIC                       | {c.o. H. S. King & Co., Pall Mall, S.W.                                |
| 1891 May 5.}                         |  | *GILBERT, CHARLES HUMPHREY                      | 12 Carlton Road, Sidcup.   |
| 1901 Feb. 12.}                       |  |   |  |
| C ✱ {1893 Dec. 5.}                   |  | *GILBERT, WILLIAM .. ..                         | 47 Victoria Street, S.W.   |
| 1903 Dec. 22.}                       |  |   |  |
| 1884 May 6.                          |  | {GILCHRIST, PERCY CARLYLE, F.R.S. .. .. .}      | Baschurch, Shrewsbury.   |
| 1886 Apr. 6.}                        |  | GILKES, GILBERT .. .. .                         | Lynnside, Kendal.  |
| 1892 Dec. 6.}                        |  |   |  |
| 1895 Jan. 8.}                        |  | GILLMAN, GUSTAVE .. .. .                        | Gt. Southern Ry., Aguilas, Spain.                                      |
| 1904 Dec. 13.}                       |  |   |  |
| ✱ 1884 Jan. 8.                       |  | GILLOTT, THOMAS .. .. .                         | Eastwood, Nottinghamshire.   |
| 1897 Apr. 6.                         |  | GISBORNE, JOHN BYRON .. ..                      | {Allestree, Churchfields, S. Woodford, N.E.                            |
| 1896 Dec. 1.}                        |  | *GIVEN, ERNEST CRANSTON ..                      | {4 Hargreaves Road, Liverpool. (Lark Lane 191.)                        |
| 1906 Feb. 13.}                       |  |   |  |
| 1898 Apr. 5.}                        |  | GLASGOW, ARTHUR GRAHAM ..                       | 38 Victoria Street, S.W.   |
| 1898 Apr. 26.}                       |  |   |  |
| 1876 Dec. 5.}                        |  | GLASS, JAMES GEORGE HENRY, C.I.E. .. .. .       | Tamworth, Mitcham, Surrey.   |
| 1881 Dec. 6.}                        |  |   |  |
| 1884 Dec. 2.}                        |  | *GLEADOW, FREDERIC .. ..                        | {Engineer's Office, G. W. Railway, Paddington. W.                      |
| 1900 Mar. 27.}                       |  |   |  |
| 1896 Mar. 3.                         |  | GLEIM, CHARLES OTTO .. ..                       | {Dorotheenstrasse 184, Hamburg-Winterhude, Germany.                    |
| 1885 Apr. 14.}                       |  | GLOVER, EDWARD, M.A., B.A.I. (Dubl.) .. ..      | {County Surveyor's Office, Naas, co. Kildare.                          |
| 1891 Apr. 28.}                       |  |   |  |
| t ✱ {1886 Jan. 12.}                  |  | GLOVER, JAMES, M.A. (Cantab.)                   | Lowton House, Lowton, Lancs.   |
| 1900 Dec. 19.}                       |  |   |  |
| ✱ {1888 Dec. 4.}                     |  | *GLOYNE, ROBERT MAYNARD ..                      | {Eng.'s Office, L.C.C., Spring Gardens, S.W.                           |
| 1904 Dec. 13.}                       |  |   |  |
| 1879 May 6.}                         |  | *GODFREY, WILLIAM BERNARD                       | 23 St. Swithin's Lane, E.C.  |
| 1895 Mar. 12.}                       |  |   |  |
| 1904 Dec. 6.                         |  | GOLDMARK, HENRY .. .. .                         | C.P. Ry., Montreal, Canada.  |
| t ✱ {1879 May 27.}                   |  | GOLDSMITH, ALFRED JOSEPH ..                     | {Lillington, Moray St., New Farm, Brisbane, Queensland.                |
| 1883 May 8.}                         |  |   |  |
| 1873 Feb. 4.}                        |  | GOLDSON, CHARLES BROWNE, M.A. (Cantab.) .. .. . | 9 Bath Terrace, Tynemouth.   |
| 1877 Dec. 11.}                       |  |   |  |
| 1895 Feb. 5.                         |  | GOLDWYER, JOHN EDWARD ..                        | {53 Victoria Street, S.W. (Goldwyer, London.)                          |
| 1869 Dec. 7.}                        |  | GOLLA, LUCIEN ALEXANDER ..                      | San Remo, Italy.   |
| 1879 Feb. 25.}                       |  |   |  |
| 1880 Dec. 7.}                        |  | *GOOCH, GEORGE .. .. .                          | 27 Great George Street, S.W. [Sea.                                     |
| 1904 Apr. 19.}                       |  |   |  |
| 1874 May 12.                         |  | GOOCH, WILLIAM FREDERICK                        | 17 Church Road, St. Leonards-on-                                       |
| 1879 Feb. 4.}                        |  | GOOD, CHARLES .. .. .                           | {Goldsmith Road, Claremont, Western Australia.                         |
| 1889 Apr. 30.}                       |  |   |  |
| 1888 Dec. 4.}                        |  | *GOOD, GEORGE LACY .. ..                        | {36 Emperor's Gate, South Kensington, S.W.                             |
| 1903 Feb. 10.}                       |  |   |  |
| 1894 Dec. 4.}                        |  | GOOD, RICHARD HENRY ..                          | Summerstown House, Cork.   |
| 1900 Jan. 30.}                       |  |   |  |

| Date of Election<br>and of Transfer. |                  | MEMBERS.                                  |   |
|--------------------------------------|------------------|---|---|
| ✠                                    | 1886 Feb. 2.     | GOOD, WILLIAM .. ..                       | Lisnalee, Ballintemple, Cork.   |
|                                      | 1890 Mar. 4.     | *GOODALL, CLARENCE NOËL ..                | Robert Stephenson & Co., Darlington.  |
|                                      | 1906 Jan. 23.    |   |   |
|                                      | 1883 Mar. 6.     | GOODALL, JOHN .. ..                       | Bulls, Rangitiki, N. Island, N.Z.   |
| M m                                  | ✠ { 1887 Dec. 6. | *GOODMAN, Professor JOHN ..               | The University, Leeds.  |
|                                      | 1900 Jan. 23.    |   |   |
|                                      | 1880 Jan. 13.    | GOODWIN, GEORGE ABRAHAM                   | 25 Victoria Street, S.W.  |
|                                      | 1893 Dec. 19.    |   |   |
|                                      | 1892 Dec. 6.     | GOODWIN, GILBERT SMITH ..                 | { 19 James Street, Liverpool. (Win-<br>good, Liverpool.)<br>County Surveyor, Tralee, co. Kerry. |
|                                      | 1878 Feb. 5.     | GOODWIN, SINGLETON,                       |   |
|                                      | 1891 Jan. 27.    | B.A.I. (Dubl.) .. ..                      |   |
|                                      | 1884 Feb. 5.     | GORDON, ALBERT, M.A.I. (Dubl.)            | Gt. S. & W. Ry., Inchicore, Dublin.   |
| T t                                  | ✠ 1867 Dec. 3.   | GORDON, GEORGE .. ..                      | { Ellerslie, Toorak, Melbourne, Vic-<br>toria.  |
|                                      | 1886 Dec. 7.     | GORDON, WEBSTER BOYLE, C.I.E.             | { Govt. Irrigation Engineer, Cape<br>Town, C.C.   |
|                                      | 1901 Dec. 11.    |   |   |
|                                      | 1898 Dec. 6.     | GORHAM, JOHN MARSHALL ..                  | 121 Victoria Street, S.W.   |
|                                      | 1863 Apr. 14.    | GOTT, CHARLES .. ..                       | Bradford, Yorkshire.  |
|                                      | 1867 Apr. 30.    |   |   |
|                                      | 1898 Mar. 1.     | GOTT, CHARLES HENRY ..                    | 8 Charles Street, Bradford.   |
|                                      | 1906 Mar. 27.    |   |   |
|                                      | 1884 Apr. 1.     | GOTTO, FRANK .. ..                        | { 228 Dashwood House, New Broad<br>Street, E.C.   |
|                                      | 1890 Nov. 11.    |   |   |
|                                      | 1882 May 2.      | GOULD, ROBERT .. ..                       | { B. A. Gt. Southern Ry. Co., River<br>Plate House, Finsbury Circus, E.C.                       |
|                                      | 1903 Dec. 22.    |   |   |
| ✠                                    | { 1866 May 15.   | GOWER, CHARLES FOOTE ..                   | Nova Scotia House, Ipswich.   |
|                                      | 1877 Dec. 11.    |   |   |
|                                      | 1899 Mar. 7.     | GRACIE, ALEXANDER .. ..                   | Fairfield Works, Govan, Glasgow.  |
|                                      | 1873 Apr. 1.     | *GRAHAM, CHARLES BENJAMIN                 | Lyston Hall, Long Melford, Suffolk.   |
|                                      | 1882 Jan. 3.     |   |   |
| ✠                                    | { 1891 Dec. 1.   | GRAHAM, JOHN .. ..                        | G.I.P. Ry., Bombay.   |
|                                      | 1897 Dec. 21.    |   |   |
|                                      | 1874 Mar. 3.     | *GRAHAM, MALCOLM .. ..                    | 13 Corfton Road, Ealing, W.   |
|                                      | 1879 Nov. 25.    |   |   |
|                                      | 1857 Feb. 3.     | GRAHAM, ROBERT WILFRID ..                 | 24 Brunswick Square, Brighton.  |
|                                      | 1896 May 19.     | GRAHAM, WILLIAM VAUX ..                   | { 5 Queen Anne's Gate, S.W. (Gral-<br>lator, London. Westminster 656.)                          |
|                                      | 1902 Jan. 14.    | GRANGER, WILLIAM .. ..                    | L. & S. W. Ry., Exeter.   |
|                                      | 1875 Dec. 7.     | *GRANT-DALTON, ALAN ..                    | { Engineer-in-Chief Govt. Rys., Cape<br>Town, Cape Colony                                       |
|                                      | 1884 Mar. 25.    |   |   |
|                                      | 1881 Feb. 1.     | *GRANT-DALTON, MALCOLM ..                 | { Durham Lodge, Brookenhurst,<br>Hants.   |
|                                      | 1890 May 20.     |   |   |
|                                      | 1874 Jan. 13.    | GRANTHAM, RICHARD FUGE ..                 | 23 Northumberland Avenue, W.C.  |
|                                      | 1886 Apr. 6.     |   |   |
|                                      | 1870 Apr. 5.     | *GRAVELL, DAVID .. ..                     | { 6 Queen Anne's Gate, S.W. (P.O.<br>Victoria 481.)   |
|                                      | 1906 Jan. 9.     |   |   |
|                                      | 1886 Jan. 12.    | GRAY, ANDREW PATON .. ..                  | Govt. Rys., Colombo, Ceylon.  |
|                                      | 1904 Feb. 2.     |   |   |
|                                      | 1878 Dec. 3.     | GRAY, GEORGE EDWARD ..                    | 1115 Bush St., San Francisco, U.S.  |
|                                      | 1890 Mar. 4.     | GRAY, ROBERT KAYE .. ..                   | 106 Cannon Street, E.C.   |
|                                      | 1888 Feb. 7.     | GRAY, THOMAS .. ..                        | Underhill, Port Talbot, S. Wales.   |
|                                      | 1890 Dec. 2.     | *GREATOREX, ALBERT DANIEL                 | Town Hall, West Bromwich.   |
|                                      | 1906 Feb. 20.    |   |   |
|                                      | 1891 Dec. 1.     | GREEN, JAMES GEORGE .. ..                 | { Sucesion de José Devescovi, Iquique,<br>Chili.  |
|                                      | 1876 Mar. 7.     | GREENBANK, HENRY .. ..                    | { Langho, Wintorne Road, Bourne-<br>mouth.  |
|                                      | 1900 Dec. 4.     | GREENHILL, HENRY HUNDSON                  | { Box 132, Bloemfontein, Orange<br>River Colony.  |
|                                      | 1887 Mar. 1.     | { GREENWELL, GEORGE CLEMENT-<br>SON .. .. | Poynton, Cheshire. [Leeds.]   |
| ✠                                    | 1881 Dec. 6.     | GREENWOOD, ARTHUR .. ..                   | Albion Works, Leeds. (Greenwood,  |



| Date of Election<br>and of Transfer. |                             | MEMBERS. |   |
|--------------------------------------|-----------------------------|----------|---|
| 1904 Mar. 1.                         | GREENWOOD, HENRY SMITH ..   | {        | C. S. A. Railways, Johannesburg, Transvaal.                     |
| 1878 May 7.                          | *GREENWOOD, WILLIAM ..      | {        | C. T. Logan, Grafton House, Camp Ground, Rondebosch, C.C.       |
| 1904 Mar. 29.                        |                             | {        | Craven Ironworks, Manchester.                                   |
| 1885 Dec. 1.                         | GRESHAM, JAMES .. ..        | {        | (Brake, Manchester. 613.) [E.C.]                                |
| t ✕ {1876 Dec. 5.                    | GRIBBLE, THEODORE GRAHAM    | {        | 459 Salisbury House, London Wall,                               |
| 1902 Dec. 16.                        |                             | {        | Manchester & Milford Ry., Aberystwith. (Grierson, Aberystwith.) |
| 1893 Jan. 10.                        | GRIERSON, THOMAS BENJAMIN   | {        | G. W. Ry., Engineer's Office, Paddington, W.                    |
| 1895 Feb. 12.                        |                             | {        | 44 Broad Street, New York, U.S.                                 |
| 1897 Jan. 12.                        | *GRIERSON, WILLIAM WYLIE .. | {        | Lisrcrona, Kilkee, co. Clare.                                   |
| 1896 Apr. 14.                        | GRIFFIN, EUGENE .. ..       | {        | Barclay, Curle & Co., Finnieston Street, Glasgow.               |
| 1894 May 1.                          | GRIFFIN, THOMAS ROBERT ..   | {        | Waterworks Office, Leicester.                                   |
| 1900 Jan. 23.                        |                             | {        | Port and Docks Office, Dublin.                                  |
| 1904 Dec. 6.                         | GRIFFITH, EDWIN .. ..       | {        | 54 Parliament Street, S.W.                                      |
| 1875 Dec. 7.                         | GRIFFITH, FREDERICK .. ..   | {        | c.o. J. Griffiths, Dieppe, France.                              |
| 1886 Nov. 2.                         |                             | {        | Water & Sewerage Dept., Pitt St., Sydney, N.S.W.                |
| m ✕ {1877 Dec. 4.                    | GRIFFITH, JOHN PURSER ..    | {        | 57 St. George's Square, S.W.                                    |
| 1883 May 29.                         |                             | {        | 9 Cathcart Road, South Kensington, S.W.                         |
| ✕ {1892 Jan. 12.                     | GRIFFITH, PERCY .. ..       | {        | 4 Glenluce Road, Blackheath, S.E.                               |
| 1901 Dec. 11.                        |                             | {        | 32 Friar Gate, Derby.   |
| 1893 Dec. 5.                         | *GRIFFITHS, ANDRÉ PIERRE,   | {        | Apartado 21, Pachuca, Mexico.                                   |
| 1905 Feb. 28.                        | B.Sc. (Paris) .. ..         | {        | Jardine, Matheson & Co., Shanghai, China.                       |
| 1888 Feb. 7.                         | GRIFFITHS, THOMAS .. ..     | {        | 13 Langham Mansions, Earl's Court Square, S.W.                  |
| 1897 Dec. 7.                         |                             | {        | Rua de Leste, Rio de Janeiro.                                   |
| 1898 Dec. 6.                         | GRIMSHAW, CONWAY OSBORNE    | {        | 75 Via Gennaro Serra, Naples.                                   |
| 1905 Feb. 7.                         |                             | {        | Prudential Buildings, Newcastle-on-Tyne.                        |
| 1888 Dec. 4.                         | GRIMSHAW, JAMES WALTER ..   | {        | 12 Mark Lane, E.C. (Grantable, London. Avenue 6309.)            |
| 1893 Feb. 28.                        | GRIMSTON, GEORGE SYLVESTER  | {        | Folkington, Polegate, Sussex.                                   |
| 1897 Dec. 7.                         | GRINLING, ARTHUR JAMES ..   | {        | 81 Cannon Street, E.C.  |
| 1892 Dec. 6.                         | GROTHE, ALBERT .. ..        | {        | Leopoldina Railway, Caixa 291, Rio de Janeiro.                  |
| 1883 Mar. 6.                         |                             | {        | Gasworks, Saltley, Birmingham.                                  |
| 1889 Dec. 3.                         | *GROVE, FRANK .. ..         | {        | Greenville, Clonmel, co. Tipperary.                             |
| 1901 Mar. 26.                        |                             | {        | Parkhead House, Sheffield.                                      |
| 1875 Mar. 2.                         | GROVES, HERBERT .. ..       | {        | 20 Victoria Street, S.W.  |
| 1883 Jan. 9.                         | GRÜNEWALD, JORGE RADE-      | {        | Rosetta, South Circular Road, Kilmainham, Dublin.               |
| ✕ 1884 Apr. 1.                       | MAKER .. ..                 | {        | Railway, Launceston, Tasmania.                                  |
| ✕ 1883 Dec. 4.                       | GUPPY, THOMAS RICHARD ..    | {        |   |
| 1892 Dec. 6.                         | GUTHRIE, JAMES KENNETH ..   | {        |   |
| 1903 Feb. 10.                        |                             | {        |   |
| t ✕ {1890 Apr. 1.                    | GUTTMANN, OSCAR .. ..       | {        |   |
| 1900 Jan. 30.                        |                             | {        |   |
| 1856 Feb. 5.                         | GWYNNE, JAMES EGLINTON AN-  | {        |   |
| 1870 Apr. 26.                        | DERSON .. ..                | {        |   |
| 1870 Mar. 1.                         | GWYNNE, JOHN .. ..          | {        |   |
| 1906 Feb. 6.                         | GWYTHIER, HARRY EARLSTON    | {        |   |
| 1881 Dec. 6.                         | HACK, HENRY .. ..           | {        |   |
| 1893 Dec. 5.                         | {HACKETT, EDWARD AUGUSTUS,  | {        |   |
|                                      | M.E. (Royal) .. ..          | {        |   |
| TSHt ✕ {1887 Mar. 1.                 | HADFIELD, ROBERT ABBOTT     | {        |   |
| 1896 Jan. 21.                        | (Member of Council.) ..     | {        |   |
| t ✕ 1900 Mar. 6.                     | {HAIGH, ARTHUR HARRY,       | {        |   |
|                                      | B.Sc. (Victoria) .. ..      | {        |   |
| 1881 May 3.                          | HAIRE, ROBERT .. ..         | {        |   |
| ✕ {1879 Feb. 4.                      | HALES, WILLIAM PRIOR .. ..  | {        |   |
| 1891 Dec. 15.                        |                             | {        |   |



| Date of Election<br>and of Transfer. |  | MEMBERS.                        |  |
|--------------------------------------|--|---------------------------------|--|
| 1879 Feb. 4.                         |  |                                 |  |
| 1902 Apr. 29.                        |  | HALL, JOSEPH .. .. .            | { Executive Engineer, Municipal<br>Offices, Bombay.                        |
| 1894 Feb. 6.                         |  | HALL, THOMAS ANDREW, B.A..      | { 11 Clarendon Street, Londonderry.  |
| 1906 Jan. 9.                         |  | B.E. ( <i>Royal</i> ) .. .. .   |  |
| *{1858 Dec. 7.                       |  | HALL, WILLIAM .. .. .           | { 69 Antrim Mansions, Antrim St..  |
| {1881 Feb. 22.                       |  |                                 | { Hampstead, N.W.  |
| 1905 Dec. 5.                         |  | HALL, WILLIAM COMPTON ..        | { Bridgemaster, County Office, Preston.                                    |
| 1885 Feb. 3.                         |  | HALL, WILLIAM SILVER ..         | { 3 Mitsu Bishi Building, Yayasucho,<br>Tokio, Japan. (Silverhall, Tokio.) |
| 1897 Mar. 29.                        |  |                                 |  |
| 1880 Dec. 7.                         |  | HALLETT, HOLT SAMUEL ..         | { 7 Clifton Gardens, Folkestone.   |
| 1886 Dec. 7.                         |  | HALLETT, JOHN HARRY ..          | { Bute Docks, Cardiff.   |
| 1890 Feb. 4.                         |  |                                 |  |
| 1886 Mar. 2.                         |  | HALLIDAY, JOHN .. .. .          | { Harbour Trust, Melbourne, Victoria.                                      |
| 1906 Feb. 6.                         |  |                                 |  |
| 1871 May 2.                          |  | HALPIN, DRUITT .. .             | { 17 Victoria Street, S.W. (Halpin,<br>London. Victoria 880.)              |
| 1880 Feb. 27.                        |  |                                 |  |
| 1895 Dec. 3.                         |  | *HAMER, WILLIAM HENRY ..        | { Eng.'s Office, Harbour Board, Auck-<br>land, N.Z.                        |
| 1905 Mar. 28.                        |  |                                 |  |
| 1888 Mar. 6.                         |  | HAMILTON, ARCHIBALD ..          | { Clyde Navigation, Glasgow.   |
| 1898 Dec. 6.                         |  | HAMMOND, ROBERT ..              | { 64 Victoria Street, S.W.   |
| 1875 Mar. 2.                         |  | HAMMOND, WALTER JOHN ..         | { The Grange, Knockholt, Sevenoaks.  |
| 1884 Jan. 2.                         |  |                                 |  |
| 1885 Dec. 1.                         |  | HANN, EDMUND MILLS ..           | { Aberaman, Aberdare.  |
| 1887 May 3.                          |  | *HANNA, SAMUEL .. .. .          | { Carrick, Esher, Surrey.  |
| 1897 Mar. 29.                        |  |                                 |  |
| *{1877 May 29.                       |  | HANSON, CHARLES RASTRICK,       | { c.o. H. S. King & Co., 65 Cornhill,<br>E.C.                              |
| {1885 Feb. 3.                        |  | I.S.O. .. .. .                  |  |
| 1904 Dec. 6.                         |  | HARDCASTLE, HUGH ROBERT ..      | { Erith Slipway, Erith.  |
| 1887 May 24.                         |  | HARDING, JOHN REGINALD ..       | { c.o. Canon Harding, Pentwyn, nr.<br>Monmouth.                            |
| 1891 Jan. 13.                        |  |                                 |  |
| t m *{1872 Mar. 5.                   |  | *HARDING, JOSIAH .. .. .        | { Arica, Chile.  |
| {1877 Apr. 17.                       |  |                                 | { 42 Kempshott Road, Streatham   |
| 1903 Feb. 3.                         |  | HARDING, WILLIAM JOSHUA ..      | { Common, S.W.   |
|                                      |  |                                 | { Heworth Old Vicarage, Felling-on-  |
| 1903 Jan. 13.                        |  | *HARDISTY, JOHN .. .. .         | { Tyne.  |
| 1884 Dec. 2.                         |  | *HARGRAVE, HENRY WILLIAM        | { Moir's Chambers, St. George's<br>Terrace, Perth, Western Australia.      |
| 1896 Jan. 28.                        |  |                                 |  |
| 1886 Apr. 6.                         |  | *HARGRAVE, JOSHUA HARRISON,     | { G.N. Ry., Amiens Street, Dublin.   |
| 1904 Mar. 29.                        |  | B.A. ( <i>Queen's</i> ) .. .. . |  |
| 1890 Dec. 2.                         |  | *HARRINGTON, HERBERT SEPTIMUS   | { United Service Club, Simla.  |
| 1898 Dec. 6.                         |  | HARMAN, EDWARD ALFRED ..        | { Gas Department, Huddersfield.  |
| *{1886 Dec. 7.                       |  | HARPER, WALTER ANDREW ..        | { 13 St. Helens Place, E.C.  |
| {1906 Jan. 23.                       |  |                                 |  |
| 1881 May 31.                         |  | HARPUR, WILLIAM .. .. .         | { 197 Severn Road, Cardiff.  |
| 1888 Nov. 27.                        |  |                                 |  |
| 1906 Feb. 6.                         |  | { HARRINGTON, JOHN LYLE, B.Sc., | { Loco. and Machine Co., Imperial<br>Bank Buildings, Montreal.             |
|                                      |  | B.A. ( <i>Kansas</i> ) .. .. .  |  |
| 1881 Apr. 5.                         |  | HARRINGTON, TIMOTHY ..          | { 73 Highbury New Park, N.   |
| *{1890 May 6.                        |  | HARRIOTT, GEORGE MOSS,          | { Nagpur, C.P., India.   |
| {1901 Apr. 2.                        |  | C.I.E. .. .. .                  |  |
| 1874 Dec. 1.                         |  | HARRIS, EDMUND LEGH ..          | { Odessa, Russia.  |
| 1882 Feb. 28.                        |  |                                 |  |
| 1877 Dec. 4.                         |  | HARRIS, HENRY GRAHAM ..         | { 5 Great George Street, S.W. (Well-<br>bram, London. Westminster 60.)     |
| 1886 Nov. 16.                        |  |                                 |  |
| 1895 Dec. 3.                         |  | HARRIS, JOHN PARKER ..          | { L.C.C. Main Drainage, 10 Grange<br>Road, Bermondsey, S.E.                |
| 1905 Apr. 11.                        |  |                                 |  |
| 1874 Apr. 14.                        |  | HARRIS, RICHARD READER, K.C.    | { 51 Clapham Common North, S.W.  |
| 1879 May 27.                         |  |                                 |  |
| 1889 Dec. 3.                         |  | *HARRISON, ARTHUR .. ..         | { Town Hall, Walworth Road, S.E.   |
| 1905 Mar. 21.                        |  |                                 |  |
| *{1877 Apr. 10.                      |  | HARRISON, CHARLES AUGUSTUS      | { N.E. Ry., Newcastle-on-Tyne.   |

Date of Election  
and of Transfer.

## MEMBERS.

|       |                   |   |   |   |
|-------|-------------------|---|---|---|
|       | 1875 Apr. 6.      |   | HARRISON, GEORGE DAY ..                       | { Staffs. Potteries Waterworks,<br>Hanley.                    |
|       | 1903 Jan. 20.     |   |   |   |
| ✱     | { 1892 Dec. 6.    |   | HARRISON, JOHN ERNEST ..                      | 160 Hope Street, Glasgow.                                     |
|       | { 1896 May 5.     |   |   |   |
|       | 1892 Jan. 12.     | * | HARRISON, JOHN FREDERICK ..                   | 45 John Street, Glasgow.                                      |
|       | 1902 Dec. 16.     |   |   |   |
| ✱     | 1900 Feb. 6.      |   | HARRISON, JOSEPH HUTCHINSON                   | 2 Exchange Place, Middlesbrough.                              |
|       | 1870 May 3.       |   | HART, JOHN HENRY EUSTACE                      | H. S. King & Co., 65 Cornhill, E.C.                           |
| T t L |                   |   |   |   |
| WSCm  | ✱ { 1856 Dec. 2.  | { | HARTLEY, Sir CHARLES,                         |   |
|       | 1862 Apr. 1.      |   | K.C.M.G., F.R.S.E. (former                    | 26 Pall Mall, S.W.  |
|       | 1874 Dec. 1.      |   | Member of Council.)                           |   |
|       | 1882 Apr. 18.     |   | HARVEY, WILLIAM .. ..                         |   |
|       | 1904 Feb. 2.      |   | HASBROUCK, CHARLES ALFRED                     | 1315 Monadnock Block, Chicago, U.S.                           |
|       | 1866 Mar. 6.      |   | HASSARD, RICHARD .. ..                        | 1 Victoria Street, S.W.                                       |
|       | 1884 Feb. 5.      | * | HASSELL, LLOYD .. ..                          | Ry. Dept., Brisbane, Queensland.                              |
|       | 1902 Feb. 11.     |   |   |   |
| ✱     | 1885 May 5.       |   | HASWELL, CHARLES HAYNES ..                    | 324 West 78th Street, New York, U.S.                          |
|       | 1895 Dec. 3.      |   | HATCH, FREDERICK HENRY,                       | Lewis & Marks, 28-31 Bishopsgate                              |
|       | 1901 Feb. 5.      |   | Ph.D. (Bonn) .. ..                            | Street Within, E.C.   |
|       | 1899 Dec. 5.      |   |   |   |
|       | 1903 Dec. 22.     |   | HATCH, WILLIAM THOMAS ..                      | { Metropolitan Asylums Board, Em-<br>bankment, E.C.           |
|       | 1883 May 1.       |   | HAUGHTON, WALTER RALEIGH                      | { Eastern Bengal State Ry., Sealdah,<br>Calcutta.             |
|       | 1904 Dec. 13.     |   |   |   |
|       | 1902 Dec. 2.      |   | HAWDON, WILLIAM .. ..                         | Linthorpe, Middlesbrough.                                     |
| ✱     | { 1879 May 6.     |   | HAWGOOD, HARRY .. ..                          | { H. W. Hellman Building, Los<br>Angeles, Cal., U.S.          |
|       | { 1889 Nov. 15.   |   |   |   |
|       | 1892 Apr. 5.      |   | HAWKS, JAMES DUDLEY ..                        | Mackinac Ry., Detroit, Mich., U.S.                            |
| W m   | ✱ { 1867 Feb. 5.  | { | HAWKSHAW, JOHN CLARKE,                        |   |
|       | 1874 Mar. 10.     |   | M.A. (Cantab.) (Past-Presi-<br>dent.)         | 33 Great George Street, S.W.                                  |
|       |                   |   |   |   |
|       | ✱ 1867 May 21.    | { | HAWKSLEY, CHARLES (Past-<br>President.) .. .. | 30 Great George Street, S.W.                                  |
|       |                   |   |   |   |
|       | 1897 Apr. 6.      |   |   |   |
|       | 1903 Jan. 13.     |   | HAWKSLEY, KENNETH PHIPSON                     | 30 Great George Street, S.W.                                  |
| W t   | ✱ { 1892 May 3.   |   | HAY, DAVID .. ..                              | { 2 Queen Square Place, Westminster,<br>S.W.                  |
|       | 1895 Jan. 8.      |   |   |   |
|       | 1896 Feb. 4.      |   | HAY, GEORGE .. ..                             | 12 Mount Avenue, Ealing, W.                                   |
|       |                   |   |   |   |
|       | 1891 Dec. 1.      | { | HAY, PETER SETON,                             |   |
|       |                   |   | M.A. (New Zealand) .. ..                      | P.W.D., Wellington, N.Z.                                      |
| ✱     | { 1881 Mar. 1.    |   | HAY, ROBERT .. ..                             | Dunedin, N.Z.   |
|       | 1885 Feb. 24.     |   |   |   |
|       | 1883 Apr. 3.      |   |   |   |
|       | 1892 Nov. 8.      |   | HAYES, EDWARD .. ..                           | Stony Stratford.  |
|       |                   |   |   |   |
|       | 1894 Dec. 4.      |   | HEAP, RAY DOUGLAS THEO-                       |   |
|       | 1903 Dec. 22.     |   | DORE .. ..                                    | { Royal Arsenal, Woolwich.                                    |
| t     | ✱ 1884 Dec. 2.    |   | HEARSON, THOMAS ALFRED, R.N.                  | { 22 Southampton Buildings, Chancery<br>Lane, W.C.            |
| t     | ✱ { 1892 Jan. 12. | * | HEATHIER, HENRY JAMES SHED-                   | { Eckstein & Co., P.O. Box 149,<br>Johannesburg, Transvaal.   |
|       | 1905 Dec. 19.     |   | LOCK, B.A. (Oxon.) ..                         |   |
|       | 1891 Apr. 7.      |   | HEATLIE, ARTHUR, B.A. (Cantab.)               | Dist. Eng., Queenstown, Cape Colony.                          |
|       | 1904 Dec. 13.     |   |   |   |
|       | 1892 May 24.      |   | HECTOR, MAXIMILIAN .. ..                      | { Friedberger Landstrasse 38, Frank-<br>furt-am-Main.         |
|       | 1898 Nov. 29.     |   |   |   |
| m     | ✱ { 1864 Jan. 12. |   | HEDERSTEDT, HENRY BURDETT                     | { Twyford Lodge, Southlands Rd.,<br>Bickley.                  |
|       | 1868 Dec. 18.     |   |   |   |
| t m   | ✱ { 1876 Mar. 7.  | * | HEDGES, KILLINGWORTH ..                       | { 1 Emery Hill Street, Westminster,<br>S.W. (Soojee, London.) |
|       | 1884 Dec. 23.     |   |   |   |
|       | 1901 Apr. 2.      |   | HEDRICK, IRA GRANT .. ..                      | { 2216 East 8th Street, Kansas<br>City, Missouri, U.S.        |
|       |                   |   |   |   |
|       | 1879 Dec. 2.      |   | HEENAN, GEORGE FREDERIC                       | Hillside, Glengearry Road, Kings-                             |
|       | 1886 Feb. 16.     |   | HAMMERSLEY .. ..                              | town, co. Dublin.   |

|       | Date of Election<br>and of Transfer.  | MEMBERS.   |  |
|-------|---------------------------------------|--|--|
| C     | † { (1872 Feb. 6.)<br>(1876 Mar. 21.) | HEENAN, HAMMERSLEY .. ..   | 4 Chapel Walks, Manchester.  |
|       | † 1884 Feb. 5.                        | { HEENAN, ROBERT HENRY<br>HAMMERSLEY .. .. }                         | Agent-General for Cape Colony,<br>100 Victoria Street, S.W.        |
| W.t.M | † { (1880 Dec. 7.)<br>(1887 Apr. 5.)  | *HELE-SHAW, HENRY SELBY, {<br>LL.D. ( <i>St. Andrews</i> ), F.R.S. { | 64 Victoria Street, S.W. (Hele-<br>shawes, London. Victoria 1291.) |
|       | 1885 May 19.)                         | *HELLINS, HENRY HERBERT ..   | 5 College Road, Exeter.  |
|       | 1896 Dec. 22.)                        |  |  |
|       | 1905 Feb. 7.                          | HELLMANN, FREDERICK ..   | { E. Rand Proprietary Mines, Box 57,<br>East Rand, Transvaal.      |
|       | 1889 Dec. 3.)                         |  |  |
|       | 1900 Mar. 27.)                        | HELPS, JAMES WILLIAM ..  | Gasworks, Croydon.   |
|       | 1878 Apr. 2.                          | *HEMANS, ARTHUR WILLOUGHBY   | H. S. King & Co., Pall Mall, S.W.                                  |
|       | 1894 Dec. 4.)                         |  |  |
|       | 1899 Dec. 12.)                        | HENDERSON, BRODIE HALDANE  | 14 South Place, Finsbury, E.C.                                     |
| m     | † { (1866 Mar. 6.)<br>(1874 Nov. 24.) | HENDERSON, DAVID MARR ..   | { Victory House, King's Road,<br>Hove.                             |
|       | 1880 Dec. 7.)                         |  |  |
|       | 1884 Nov. 4.)                         | HENDERSON, JOHN BAILLIE ..   | Brisbane, Queensland.  |
|       | † { (1893 Dec. 5.)<br>(1903 Apr. 7.)  | HENDERSON, ROBERT .. ..  | 14 Queen Street, Edinburgh.  |
|       | 1869 Jan. 12.)                        |  |  |
|       | 1882 Mar. 21.)                        | HENNELL, THOMAS .. ..  | { Parliament Mansions, Victoria Street,<br>S.W.                    |
|       | 1881 Dec. 6.)                         | *HENRIQUES, CECIL QUIXANO, {   |  |
|       | 1906 Jan. 9.)                         | <i>Lt.-Col. 1st. Middx. R.E. Vols.</i> }                             | 15 Victoria Street, S.W.   |
|       | 1905 Mar. 7.                          | HENSHAW, ALBERT MAYON ..   | Talk o' th' Hill, Stoke-on-Trent.                                  |
|       | 1869 Dec. 7.)                         |  |  |
|       | 1879 Feb. 4.)                         | HENSLOWE, FRANCIS BOYLE ..   | { Lynden, Branksome Wood Road,<br>Bournemouth.                     |
|       | † { (1889 May 7.)<br>(1899 Mar. 28.)  | HENZELL, CHARLES GEORGE ..   | { Waterworks Eng., Municipal Bldgs.,<br>Leeds.                     |
|       | 1877 Mar. 6.)                         |  |  |
|       | 1889 Nov. 26.)                        | HEPWORTH, JOSEPH .. ..   | Buccleuch Street Works, Edinburgh.                                 |
|       | 1893 Mar. 7.)                         |  |  |
|       | 1905 Dec. 19.)                        | HERBERT, DAVID WILLIAM ..  | St. Denys, Lisvane, Cardiff.                                       |
|       | 1897 Dec. 7.)                         | HERDMAN, GEORGE WALTER, }  |  |
|       | 1906 Jan. 23.)                        | M.A., B.Sc. ( <i>Edin.</i> ) .. .. }                                 | Irrigation Dept., Pretoria, Transvaal.                             |
|       | 1883 May 29.)                         | HERING, RUDOLPH .. ..  | 170 Broadway, New York, U.S.                                       |
|       | 1886 Nov. 16.)                        |  |  |
|       | 1875 May 4.)                          | HERRING, JOHN WILLIAM ..   | { River Wear Commission, Sunder-<br>land.                          |
|       | 1893 Jan. 10.)                        |  |  |
|       | 1901 Apr. 23.                         | HERRING, WALTER RALPH ..   | Granton House, Edinburgh.  |
|       | 1890 Dec. 2.                          | HERSCHEL, CLEMENS .. ..  | 2 Wall Street, New York, U.S.                                      |
|       | 1880 May 4.)                          | *HESKETH, EVERARD .. ..  | Dartford Ironworks, Kent.  |
|       | 1893 Nov. 14.)                        |  |  |
|       | 1885 May 19.)                         | HESLOP, THOMAS HIND BLUMER   | County Surveyor, Norwich.  |
|       | 1896 Nov. 16.)                        |  |  |
|       | 1886 Dec. 7.                          | HETHERINGTON, JOHN MUIR ..   | 19 Upper Grosvenor Street, W.                                      |
|       | 1876 Dec. 5.)                         |  |  |
|       | 1881 Jan. 11.)                        | HEWSON, THOMAS .. ..   | { Barkston Lodge, Old Park Road,<br>Roundhay, Leeds.               |
|       | 1883 May 1.)                          |  |  |
|       | 1892 Nov. 8.)                         | HEYLAND, HERBERT KYFFIN  | { Loughrigg, Cavendish Road, Sutton,<br>Surrey.                    |
|       | 1874 Feb. 3.)                         | HICKSON, ROBERT ROWAN PUR-   | { President, Harbour Trust Com-<br>mission, Sydney, N.S.W.         |
|       | 1876 Feb. 8.)                         | DON .. ..  |  |
|       | 1887 May 24.)                         | HIDE, WILLIAM SEYMOUR ..   | Beechwood, Cottingham, E. Yorks.                                   |
|       | 1902 Dec. 2.)                         |  |  |
|       | 1890 Apr. 1.                          | HIGGINS, ANDREW FRANK ..   | Ranchi, Chota Nagpur, Bengal.                                      |
|       | † { (1888 Dec. 4.)<br>(1895 Jan. 22.) | HIGGINS, GEORGE .. ..  | { Engineering School, The University,<br>Melbourne, Victoria.      |
|       | 1882 May 23.                          | HIGHAM, Sir THOMAS, K.C.I.E.   | { 1 Codrington Place, Clifton Park,<br>Bristol.                    |
|       | 1890 Feb. 4.)                         | *HIGHT, DAVID JOHN ..  | Kuala Lumpur, Selangor, S.S.                                       |
|       | 1905 Jan. 21.)                        |  |  |



| Date of Election<br>and of Transfer. |     | MEMBERS  |   |
|--------------------------------------|-----|--|---|
| 1884 Dec. 2.                         | 2.  | *HIGHT, ROBERT SWAN .. ..                          | East Indian Ry., Calcutta.  |
| 1904 Dec. 13.                        | 13. |  |   |
| 1905 Mar. 7.                         | 7.  | HIGHFIELD, JOHN SOMERVILLE                         | 16 Stratford Place, W.  |
| 1901 Mar. 5.                         | 5.  | HIGSON, CHARLES HUGH .. ..                         | { 106 Eccles Old Road, Pendleton,<br>Manchester.                  |
| 1878 Dec. 3.                         | 3.  | HIGSON, JACOB .. ..                                | { 18 Booth Street, Manchester.                                    |
| 1878 Dec. 3.                         | 3.  | HIGSON, JOHN .. ..                                 | { (Mining, Manchester. 1034.)                                     |
| t ✕ { 1884 Jan. 8.                   | 8.  | *HILL, ARTHUR, C.I.E., F.C.H.                      | King, King and Co., Bombay.                                       |
| 1905 Dec. 19.                        | 19. |  |   |
| ✕ { 1891 Dec. 1.                     | 1.  | HILL, ERNEST PRESCOT .. ..                         | 3 Victoria Street, S.W.   |
| 1894 Jan. 16.                        | 16. |  |   |
| 1905 Dec. 5.                         | 5.  | HILL, ERNEST ROWLAND .. ..                         | 2 Norfolk Street, Strand, W.C.                                    |
| T t ✕ 1872 Feb. 6.                   | 6.  | { HILL, GEORGE HENRY<br>(Member of Council.) .. .. | 3 Victoria Street, S.W. (Thirlspot<br>London.)                    |
| 1897 Feb. 2.                         | 2.  |  |   |
| 1903 Mar. 31.                        | 31. | HILL, HARRY PRESCOT .. ..                          | { Albert Chambers, Albert Square,<br>Manchester.                  |
| 1887 Dec. 6.                         | 6.  |  |   |
| 1896 Feb. 4.                         | 4.  | HILL, HENRY ASHTON .. ..                           | { South Staffs. Waterworks, Birming-<br>ham.                      |
| 1875 Dec. 7.                         | 7.  |  |   |
| 1890 Apr. 22.                        | 22. | HILL, HENRY ELLIS .. ..                            | 9 Victoria Street, S.W.   |
| 1877 Dec. 4.                         | 4.  | HILL, JAMES NINIAN .. ..                           | 41 Chaucer Road, Acton, W.  |
| ✕ { 1883 May 29.                     | 29. | HILL, LUKE MULLOCK,                                | { Municipal Engineer, Georgetown,                                 |
| 1901 Feb. 12.                        | 12. | B.E. (Queen's) .. ..                               | Demerara.   |
| 1896 Dec. 1.                         | 1.  | HILLER, EDWARD GEORGE .. ..                        | { Oakholme, Wilbraham Road, Alex-<br>andra Park, Manchester.      |
| 1901 Feb. 19.                        | 19. |  |   |
| 1889 Jan. 8.                         | 8.  | *HINNELL, HENRY LEONARD .. ..                      | 41 Corporation Street, Manchester.                                |
| 1896 Jan. 21.                        | 21. |  |   |
| 1893 May 16.                         | 16. |  |   |
| 1904 Jan. 26.                        | 26. | HOARE, ARTHUR .. ..                                | 11 Elphinstone Circle, Bombay.                                    |
| 1879 Feb. 4.                         | 4.  |  |   |
| 1895 Feb. 26.                        | 26. | HOARE, EDWARD ARTHUR .. ..                         | Lake St. John Ry., Quebec, Canada.                                |
| T t ✕ { 1883 May 1.                  | 1.  | HOBSON, GEORGE ANDREW .. ..                        | { 28 Victoria Street, S.W. (Traction,<br>London. Westminster 10.) |
| 1885 Dec. 15.                        | 15. |  |   |
| 1886 May 4.                          | 4.  | HOBSON, JOSEPH .. ..                               | Grand Trunk Ry., Montreal, Canada.                                |
| ✕ { 1891 May 5.                      | 5.  | *HODGE, HENRY WILSON .. ..                         | 1 Nassau Street, New York, U.S.                                   |
| 1899 Nov. 28.                        | 28. |  |   |
| 1906 Jan. 9.                         | 9.  | { HODGE, ROWLAND FREDERIC<br>WILLIAM .. ..         | Howdon-on-Tyne.   |
| 1881 Dec. 6.                         | 6.  |  |   |
| 1891 Nov. 5.                         | 5.  | *HODGES, ROBERT NATHANIEL                          | { c.o. Macnaughten & Co., 79 Mark<br>Lane, E.C.                   |
| 1885 Feb. 3.                         | 3.  |  |   |
| 1893 Nov. 7.                         | 7.  | HODGSON, HARRISON .. ..                            | 9 New Broad Street, E.C.  |
| 1878 Feb. 5.                         | 5.  |  |   |
| 1886 Mar. 23.                        | 23. | *HODGSON, WILLIAM .. ..                            | Eng.'s Office, Midland Ry., Derby.                                |
| 1879 Feb. 4.                         | 4.  | *HODSON, CHARLES WILLIAM,                          | Fernholm, Christchurch Road, Chel-                                |
| 1891 Nov. 5.                         | 5.  | C.S.I. (Member of Council.) ..                     | tenham.   |
| 1897 Apr. 6.                         | 6.  | *HODSON, FREDERIC WALTER .. ..                     | G. & F. W. Hodson, Loughborough.                                  |
| 1906 Mar. 20.                        | 20. |  |   |
| 1870 Mar. 1.                         | 1.  |  |   |
| 1886 Apr. 13.                        | 13. | HODSON, GEORGE .. ..                               | G. & F. W. Hodson, Loughborough.                                  |
| 1881 Dec. 6.                         | 6.  |  |   |
| 1891 Feb. 17.                        | 17. | HOGAN, JOHN POICTEVIN LEMON                        | { c.o. Grindlay & Co., 54 Parliament<br>Street, S.W.              |
| 1886 Apr. 6.                         | 6.  | HOGG, ALEXANDER LAUDER .. ..                       | 43 Carlyle Road, Edgbaston.                                       |
| 1878 Feb. 5.                         | 5.  | HOGG, CHARLES PULLAR .. ..                         | { 14 Blythswood Square, Glasgow.<br>(Crouch, Glasgow.)            |
| 1902 Jan. 14.                        | 14. | HÖK, CHRISTOPHER WILHELM                           | 10 Karlaphan, Stockholm.  |
| 1903 Apr. 7.                         | 7.  | HOLBROOK, ELLIOT .. ..                             | { Chicago and Altou R.R., Spring-<br>field, Ill., U.S.            |
| 1882 Feb. 7.                         | 7.  |  |   |
| 1887 May 24.                         | 24. | HOLDEN, JAMES .. ..                                | { G. E. Ry., Stratford, E. (Eastden,<br>London.)                  |
| T t ✕ { 1893 May 2.                  | 2.  | HOLGATE, THOMAS .. ..                              | 5 Victoria Street, S.W.   |
| 1898 Nov. 29.                        | 29. |  |   |



|         | Date of Election<br>and of Transfer. | MEMBERS.   |  |
|---------|--------------------------------------|--|--|
|         | 1880 Feb. 3.}                        | *HOLME, CHARLES HENRY ..   | Rathburne, Duns, N.B.  |
|         | 1896 Feb. 25.}                       |  |  |
|         | 1880 Mar. 2.}                        | HOLMES, ARTHUR BROMLEY ..  | 36 Princes Avenue, Liverpool.                                |
|         | 1888 Mar. 6.}                        |  |  |
|         | 1884 Jan. 8.}                        | *HOLMES, JOHN HENRY .. ..  | {Wellburn, Jesmond, Newcastle-on-Tyne.                       |
|         | 1897 Mar. 2.}                        |  |  |
|         | 1887 Feb. 1.}                        | HOLMES, ROBERT WEST .. ..  | P.W.D., Wellington, N.Z.                                     |
|         | 1897 Jan. 19.}                       |  |  |
| W t ✕   | 1875 Feb. 2.}                        | HOLT, ALFRED .. ..   | {1 India Buildings, Liverpool.<br>(Alfred Holt, Liverpool.)  |
|         | 1895 Jan. 8.}                        | *HOLT, FOLLETT .. ..   | Entre Rios Ry., Parana, Argentina.                           |
|         | 1901 Feb. 26.}                       |  |  |
| t ✕     | 1895 Jan. 8.}                        | HOMFRAY, SAMUEL GEORGE ..  | 8 Great George Street, S.W.                                  |
|         | 1864 May 24.}                        |  |  |
|         | 1876 Apr. 25.}                       | HOOD, WELLS .. ..  | {Ravenswood, Surrey Road, Bourne-<br>mouth West.             |
|         |                                      |  |  |
| ✕       | {1886 Dec. 7.}                       | HOOLEY, EDGAR PURNELL ..   | {County Surveyor, Shire Hall, Not-<br>tingham.               |
|         | 1906 Jan. 23.}                       |  |  |
|         | 1890 Feb. 4.}                        | *HOOPER, HERBERT ROSS,   |  |
|         | 1903 Dec. 22.}                       | M.A. (Oxon.) .. ..   | {34 Vanbrugh Park, Blackheath, S.E.                          |
|         |                                      |  |  |
|         | 1892 Apr. 5.}                        | HOPKINS, WALTER BERNARD ..                                       | Clun House, Surrey Street, W.C.                              |
|         | 1900 Feb. 20.}                       |  |  |
| W ✕     | 1904 Dec. 6.}                        | {HOPKINSON, Professor BERTRAM,<br>M.A. (Cantab.), B.Sc. (Lond.)} | Engineering Laboratory, Cambridge.                           |
|         |                                      |  |  |
| t ✕     | {1882 Dec. 5.}                       | HOPKINSON, CHARLES,  |  |
|         | 1888 Jan. 24.}                       | B.Sc. (Victoria) .. ..   | {29 Princess Street, Manchester.                             |
|         |                                      |  |  |
| T S t ✕ | {1885 Jan. 13.}                      | HOPKINSON, EDWARD,   |  |
|         | 1890 Nov. 11.}                       | M.A. (Cantab.), D.Sc. (Lond.)}                                   | {Ferns, Alderley Edge, Cheshire.                             |
|         |                                      |  |  |
|         | 1880 Jan. 13.}                       | HORAN, JOHN, M.E. (Queen's)                                      | {82 George Street, Limerick. (Roads,<br>Limerick. 142.)      |
|         | 1890 Feb. 25.}                       |  |  |
|         | 1889 Apr. 2.}                        | HORBURY, GEORGE FRANCIS ..                                       | Byculla Ironworks, Bombay.                                   |
|         | 1897 Apr. 6.}                        |  |  |
|         | 1882 Apr. 4.}                        | HORN, DAVID BAYNE, C.I.E.,                                       |  |
|         | 1906 Feb. 27.}                       | F.C.H. .. ..   | {Oriental Club, Hanover Square, W.                           |
|         |                                      |  |  |
|         | 1899 Mar. 7.}                        | HOSGOOD, JOHN HOWELL ..  | {The Laurels, Romilly Road, Barry,<br>Cardiff.               |
|         |                                      |  |  |
|         | 1899 Dec. 5.}                        |  |  |
|         | 1904 Dec. 13.}                       | HOSGOOD, WALTER JAMES ..   | Mashonaland Ry., Umtali, Rhodesia.                           |
|         |                                      |  |  |
|         | 1883 Jan. 9.}                        | *HOUGHTON, THOMAS HARRY ..                                       | 63 Pitt Street, Sydney, N.S.W.                               |
|         | 1897 Nov. 30.}                       |  |  |
|         | 1886 Apr. 6.}                        | HOUISON, DAVID .. ..   | Hursley, Ingleburn, N.S.W.                                   |
|         | 1894 Apr. 17.}                       |  |  |
|         | 1891 Feb. 3.}                        | *HOWARTH, FRANK .. ..  | Municipal Buildings, Plymouth.                               |
|         | 1906 Jan. 9.}                        |  |  |
|         |                                      |  |  |
|         | 1892 Apr. 5.}                        | HOWDEN, JAMES .. ..  | {195 Scotland Street, Glasgow. (How-<br>den, Glasgow. 1467.) |
|         |                                      |  |  |
|         | 1888 May 1.}                         | HOWSON, RICHARD .. ..  | 2 Exchange Place, Middlesbrough.                             |
|         | 1891 Dec. 1.}                        |  |  |
|         | 1904 Feb. 16.}                       | HOY, HENRY ALBERT .. ..  | {Beyer, Peacock & Co., Gorton<br>Foundry, Manchester.        |
|         |                                      |  |  |
|         | 1897 Jan. 12.}                       | HOYLE, JAMES ROSSITER ..   | Norfolk Works, Sheffield.                                    |
|         | 1884 Feb. 5.}                        |  |  |
|         | 1898 Mar. 22.}                       | HUDLESTON, FERDINAND ..  | {25 Victoria Street, S.W. (West-<br>minster 423.)            |
|         |                                      |  |  |
|         | 1880 May 4.}                         | HUDSON, FRANK .. ..  | {Central Uruguay Railway, Monte<br>Video.                    |
|         | 1888 Jan. 17.}                       |  |  |
|         | 1879 Feb. 4.}                        | HUDSON, JOHN GEORGE .. ..  | Glenholme, Bromley Cross, Bolton.                            |
|         | 1887 Jan. 25.}                       |  |  |
|         |                                      |  |  |
|         | 1881 Dec. 6.}                        | HUGHES, ARTHUR JOHN, C.I.E.                                      | {Villa Wrentham, Burgess Hill,<br>Sussex.                    |
|         |                                      |  |  |
|         | 1904 Jan. 12.}                       | HUGHES, GEORGE .. ..   | Regent House, Lostock Park, Bolton.                          |
|         | 1879 May 6.}                         |  |  |
|         | 1896 Dec. 22.}                       | HUGHES, JOHN ELLIS .. ..   | {Waterworks, Trerbert, Rhondda,<br>Glam.                     |
|         |                                      |  |  |
|         | 1881 May 31.}                        | HUGHES, JOHN SYLVESTER ..  | Festiniog Ry., Portmadoc.                                    |
|         |                                      |  |  |
|         | 1885 Jan. 13.}                       | {HUGHES, Sir WALTER CHARLE-<br>TON, C.I.E.                       | Chairman, Port Trust, Bombay.                                |

| Date of Election<br>and of Transfer. |   | MEMBERS.                                |  |
|--------------------------------------|---|---|--|
| 1906 Mar. 6.                         | { | HUGHES, THOMAS WILLIAM                  | 59 Catford Hill, S.E.                                  |
| 1879 Feb. 4.                         | { | ROBERT .. .. .                          |  |
| 1888 Oct. 30.                        | { | HUGHES, WILLIAM,                        | 3 Hengist Road, Bournemouth.                           |
| 1885 May 5.                          | { | M.E. ( <i>Queen's</i> ) .. ..           |  |
| 1897 Feb. 2.                         | { | *HUMBY, ALBERT JAMES .. ..              | { Government Railways, Maritzburg,<br>Natal.           |
| 1881 May 31.                         | { | HUMBY, HENRY GEORGE ..                  | 39 Victoria Street, S.W.                               |
| 1891 Dec. 8.                         | { |   |  |
| T t ✚ { 1894 Dec. 4.                 |   | *HUMPHREY, HERBERT ALFRED               | 38 Victoria Street, S.W.                               |
| 1903 Apr. 7.                         |   |   |  |
| 1895 Mar. 5.                         | { | HUMPHREYS, ALEXANDER                    | 31 Nassau Street, New York, U.S.                       |
|                                      | { | CROMBIE .. .. .                         | (Humglas, New York.)                                   |
| 1899 Mar. 7.                         | { | *HUMPHREYS, GEORGE WILLIAM              | 40 Cheyne Court, Chelsea, S.W.                         |
| 1888 Apr. 10.                        | { | HUMPHRYS, ROBERT HARRY ..               | Deptford Pier, S.E.                                    |
| ✚ 1881 Mar. 1.                       | { | HUNT, CHARLES .. .. .                   | { 15 Victoria Street, Westminster,<br>S.W.             |
| 1905 Feb. 7.                         | { | HUNT, JESSE BROOKES ..                  | H.M. Dockyard, Gibraltar.                              |
| 1901 Mar. 5.                         | { | HUNT, ROBERT WOOLSTON ..                | The Rookery, Chicago, U.S.                             |
| 1904 Dec. 6.                         | { | HUNTER, GEORGE BURTON ..                | Wallsend-on-Tyne.                                      |
| ✚ { 1890 Feb. 4.                     |   | HUNTER, SIDNEY HERBERT ..               | { 202 Bow Road, E. (Venator, London.<br>Stratford 45.) |
| 1899 Nov. 28.                        |   |   |  |
| 1904 Apr. 12.                        | { | HUNTER, THOMAS CHARLES ..               | { Admiralty, 21 Northumberland<br>Avenue, W.C.         |
| 1865 May 2.                          | { | HUNTER, WALTER .. .. .                  | 17 Victoria Street, S.W.                               |
| 1878 May 14.                         | { |   |  |
| ✚ 1891 May 5.                        | { | HUNTER, WILLIAM HENRY ..                | { Ship Canal, Eng.'s Office, Man-<br>chester.          |
| 1868 May 19.                         | { |   |  |
| 1897 Nov. 30.                        | { | HURST, WILLIAM .. .. .                  | L. & N. W. Ry., Brinklow, Coventry.                    |
| m ✚ { 1879 May 27.                   |   | *HURTZIG, ARTHUR CAMERON ..             | { 2 Queen Square Place, S.W. (West-<br>minster 33.)    |
| 1886 Mar. 16.                        |   |   |  |
| 1867 Feb. 5.                         | { | HUTCHINS, GEORGE ALBERT ..              | { Olive House, Welshpool, North<br>Wales.              |
| 1873 Dec. 23.                        |   |   |  |
| 1897 Jan. 12.                        | { | HUTCHINSON, CHRISTOPHER                 | 13 The Boltons, S. Kensington, S.W.                    |
|                                      | { | CLARKE .. .. .                          | (Kensington 980.)                                      |
| 1888 Feb. 7.                         | { | HUTCHINSON, Sir SYDNEY                  | United Service Club, Calcutta.                         |
| 1903 Dec. 22.                        | { | HUTTON COOPER .. .. .                   |  |
| 1886 Jan. 12.                        | { | HUTCHINSON, WILLIAM,                    | Ry. Construction Dept., Sydney,                        |
| 1891 Nov. 9.                         | { | M.C.E. ( <i>Melbourne</i> ) .. ..       | N.S.W.   |
| 1892 Dec. 6.                         | { | HUTCHISON, DANIEL LEAN,                 |  |
| 1903 Feb. 24.                        | { | M.Sc. ( <i>Victoria</i> ) .. .. .       | Ottoman Ry., Aidin, Smyrna.                            |
|                                      |   |   |  |
| 1902 Feb. 4.                         | { | IMPETT, JOHN JAMES .. ..                | 1 Calle Manco Capae, Callao, Peru.                     |
| 1897 Apr. 6.                         | { | INGHAM, WILLIAM PORRITT ..              | Royal Exchange, Middlesbrough.                         |
| m ✚ { 1876 Dec. 5.                   |   | *INGLIS, JAMES CHARLES                  |  |
| 1884 Mar. 18.                        |   | ( <i>Member of Council</i> ) .. ..      | G. W. Ry., Paddington, W.                              |
| 1905 Feb. 7.                         | { | INGLIS, JOHN, LL.D. ( <i>Glas.</i> ) .. | Pointhouse Shipyards, Glasgow.                         |
| 1871 Jan. 10.                        | { | INGLIS, JOHN WILLIAM,                   |  |
| 1877 Nov. 27.                        | { | F.R.S.E. .. .. .                        | Kenwood, Barnston, Midlothian.                         |
| 1896 May 5.                          | { |   |  |
| 1904 Dec. 13.                        | { | IRVING, DANIEL .. .. .                  | Gas Co., Stapleton, Bristol.                           |
| 1875 Feb. 2.                         | { |   |  |
| 1879 Apr. 29.                        | { | IRWIN, HENRY, C.I.E. .. ..              | Ran View, Ootacamund, Madras.                          |
| 1882 Jan. 10.                        | { |   |  |
| 1900 Apr. 10.                        | { | *ISHIGURO, ISOJI .. .. .                | { 2 Akasaka-Daimachi, Akasaka-Ku,<br>Tokio, Japan.     |

| Date of Election<br>and of Transfer. |     | MEMBERS.   |  |
|--------------------------------------|-----|--|--|
| 1891 Dec. 1.                         | 1.  | IVATT, HENRY ALFRED .. ..                                | G. N. Ry., Doncaster.  |
| 1900 Dec. 4.                         | 4.  | IVENS, JOHN HENRY ANDERSON                               | P.W.D., Meerut, N.W.P., India.                                     |
| 1876 May 2.                          | 2.  | IZAT, ALEXANDER, C.I.E.                                  | Springfield, Dollar, N.B.  |
| 1881 Apr. 5.                         | 5.  | (former Member of Council)                               |  |
| 1904 Dec. 6.                         | 6.  | {JACK, ALEXANDER GEORGE<br>MCKENZIE .. .. .}             | Rock Hills, Brincliffe, Sheffield.                                 |
| 1874 Apr. 14.                        | 14. | JACKSON, EDWARD .. .. .                                  | Port Engineer, Karachi, India.                                     |
| 1879 Dec. 23.                        | 23. |  |  |
| 1882 Apr. 4.                         | 4.  | JACKSON, SAMUEL, C.I.E. ..                               | 23 Calverley Park, Tunbridge Wells.                                |
| 1881 Mar. 1.                         | 1.  | {JACOB, AUGUSTUS HAMILTON,<br>M.A., M.A.I. (Dubl.) .. .} | Glenelg, Westbourne Park Road,<br>Bournemouth.                     |
| 1902 Dec. 2.                         | 2.  | JACOB, FRANCIS .. .. .                                   | Ellesdene, Westcombe Park, S.E.                                    |
| 1891 Dec. 1.                         | 1.  | JACOB, LIONEL MONTAGUE, C.S.I.                           | Sec. to Govt., P.W.D., Calcutta.                                   |
| 1885 Dec. 1.                         | 1.  | JACOBS, CHARLES MATTATHIAS                               | 128 Broadway, New York, U.S.                                       |
| * {1884 Dec. 2.                      | 2.  | *JACOMB-HOOD, JOHN WYKEHAM                               | L. & S. W. Ry., Waterloo, S.E.                                     |
| 1891 Jan. 27.                        | 27. |  |  |
| 1887 Dec. 6.                         | 6.  | JAMES, CHARLES CARKEET ..                                | c.o. Whitehall Club, S.W.  |
| 1899 Jan. 24.                        | 24. |  |  |
| 1879 May 6.                          | 6.  |  |  |
| 1887 Nov. 22.                        | 22. | JAMES, HENRY ALEXANDER ..                                | 38 Leigham Vale, Streatham, S.W.                                   |
| * 1868 Dec. 1.                       | 1.  | JAMES, JOHN WILLIAM .. ..                                | Dr. P. M. Wood, Ashfield, N.S.W.                                   |
| 1894 Dec. 4.                         | 4.  | JAMESON, ARTHUR SAMPSON ..                               | {c.o. St. Stephen's Club, Westminster.<br>S.W.                     |
| t * {1878 Jan. 15.                   | 15. | JAMIESON, Professor ANDREW,<br>F.R.S.E. .. .. .          | {16 Rosslyn Terrace, Kelvinside,<br>Glasgow.                       |
| 1887 Feb. 8.                         | 8.  |  |  |
| 1895 Dec. 3.                         | 3.  | JAPP, HENRY .. .. .                                      | {S. Pearson & Son, Long Island,<br>N.Y., U.S.                      |
| 1905 Feb. 21.                        | 21. |  |  |
| 1888 Dec. 4.                         | 4.  | {JAQUES, WILLIAM HENRY,<br>Captain U.S.N. ret. .. .}     | Little Boar's Head, New Hamp-<br>shire, U.S.                       |
| 1893 Mar. 7.                         | 7.  |  |  |
| 1872 Feb. 6.                         | 6.  | {JEBB, GEORGE ROBERT<br>(Member of Council) .. .}        | Fairfield, Great Barr, Birmingham.                                 |
| 1893 Jan. 3.                         | 3.  | {JEKEN, JOHN LLEWELLYN ..                                | {Topham, Jones & Railton, H.M.<br>Dockyard Extension, Gibraltar.   |
| 1906 Jan. 9.                         | 9.  |  |  |
| 1893 Dec. 5.                         | 5.  | {JELLETT, HENRY HOLMES,<br>B.A.I. (Dubl.) .. .. .}       | Seoni, Chappara, Central Provinces,<br>India.                      |
| 1900 Jan. 30.                        | 30. |  |  |
| TS t * {1892 Dec. 6.                 | 6.  | JENKIN, BERNARD MAXWELL ..                               | {17 Victoria Street, S.W. (Kinematic,<br>London. Westminster 621.) |
| 1901 Feb. 19.                        | 19. |  |  |
| 1860 Apr. 3.                         | 3.  | JENKIN, SILVANUS WILLIAM ..                              | Liskeard, Cornwall.  |
| 1895 Dec. 3.                         | 3.  | JENNINGS, JAMES HENNEN ..                                | {1626 Rhode Island Avenue,<br>Washington, D.C., U.S.               |
| 1884 Mar. 4.                         | 4.  | JENNINGS, WILLIAM TINDAL ..                              | {Molson's Bank Building, Toronto,<br>Canada.                       |
| 1891 May 12.                         | 12. |  |  |
| 1893 Dec. 5.                         | 5.  | JERVIS, JAMES THOMAS .. ..                               | {Queen Anne's Chambers, West-<br>minster, S.W.                     |
| * {1885 Dec. 1.                      | 1.  | JOBSON, CHRISTOPHER .. ..                                | {Weld Club, Perth, Western Aus-<br>tralia.                         |
| 1894 Mar. 6.                         | 6.  |  |  |
| 1893 Dec. 5.                         | 5.  | JOHNS, JOHN HENRY .. ..                                  | Box 231, Johannesburg, Transvaal.                                  |
| 1904 Apr. 19.                        | 19. |  |  |
| * {1881 Mar. 1.                      | 1.  | *JOHNSON, FRANCIS ROBERT ..                              | Vernon, British Columbia.  |
| 1894 Oct. 16.                        | 16. |  |  |
| 1887 Dec. 6.                         | 6.  | *JOHNSON, HENRY ARTHUR ..                                | 15 The Exchange, Bradford.   |
| 1899 Feb. 28.                        | 28. |  |  |
| 1862 May 20.                         | 20. | JOHNSON, RICHARD .. .. .                                 | 58 Coolhurst Road, Crouch End, N.                                  |
| * 1867 Dec. 3.                       | 3.  | JOHNSON, SAMUEL WAITE ..                                 | {Lenton House, The Park, Notting-<br>ham.                          |
| 1898 Feb. 1.                         | 1.  | JOHNSON, TOM RICHARD ..                                  | {G. N. Ry., Engineer's Dept., King's<br>Cross, N.                  |
| 1885 Mar. 3.                         | 3.  | JOHNSON, WALTER CLAUDE ..                                | {Broadstone Farm, Coleman's Hatch,<br>Sussex.                      |



| Date of Election<br>and of Transfer. |      | MEMBERS.   |   |
|--------------------------------------|------|--|---|
| 1883 Feb. 6.                         | ✠    | 1886 May 18.} JOHNSTON, ANDREW .. ..   | { 5 Westminster Palace Gardens,<br>Victoria Street, S.W.                        |
| 1888 Apr. 10.                        |      | 1898 Nov. 29.} *JOHNSTON, JAMES .. ..  | { Waterworks, Bond Street, Brighton.  |
| 1867 Mar. 5.                         | ✠    | 1870 Mar. 1.} JOHNSTON, ROBERT EDWARD ..   | { Joint Railways Office, Birkenhead.  |
| 1877 Nov. 27.                        |      | 1876 May 2.} JOLL, HENRY .. ..   | { 4 Osborne Place, Plymouth.  |
| 1876 May 2.                          | ✠    | 1905 Apr. 11.} JONES, ALFRED STOWELL, <i>Y.C.</i>  | { Ridge Cottage, Finchampstead,<br>Berks.                                       |
| 1875 Feb. 2.                         |      | 1891 Nov. 3.} <i>Lt.-Col. ret.</i> .. ..   | { The Lodge, Culmington Road,<br>Ealing, W.                                     |
| 1906 Jan. 9.                         | TWSt | 1869 May 27.} JONES, CHARLES .. ..   | { 14 Cranhurst Road, Willesden Green,<br>N.W.                                   |
| 1875 Apr. 11.                        |      | 1891 Dec. 1.} JONES, HARRY EDWARD ..   | { 142 Palace Chambers, Bridge Street,<br>Westminster, S.W.                      |
| 1902 Mar. 4.                         | ✠    | 1876 Feb. 1.} *JONES, HARRY HERBERT ..   | { Hessle, Lytton Grove, Putney Hill,<br>S.W.                                    |
| 1897 Dec. 7.                         |      | 1876 Feb. 1.} JONES, ISAAC MATTHEWS ..   | { City Surveyor, Chester.   |
| 1875 Feb. 2.                         | ✠    | 1881 Nov. 15.} JONES, JOHN ALFRED, F.R.S.E.  | { East Dene, Tyson Road, Forest<br>Hill, S.E.                                   |
| 1886 Jan. 12.                        |      | 1893 Nov. 7.} JONES, ROBERT EDWARD ..  | { P.W.D., Sydney, N.S.W.  |
| 1899 Dec. 5.                         | ✠    | 1886 Dec. 7.} JONES, THOMAS .. ..  | { 1 Prince's St., Westminster, S.W.   |
| 1886 Dec. 7.                         |      | 1903 Dec. 22.} *JONES, WILLIAM HEMMING ..  | { Dockyard, Liverpool.  |
| 1892 Dec. 6.                         | ✠    | 1885 Dec. 1.} JOYCE, ALFRED .. ..  | { Richborough Lodge, Alpha Road,<br>Birchington, Kent.                          |
| 1892 Jan. 26.                        |      | 1887 Dec. 6.} JOYCE, FREDERICK TALBOT ..   | { 34 Dawson Street, Dublin.   |
| 1891 Mar. 3.                         | T t  | 1887 Dec. 6.} JOYNER, ROBERT BATSON, C.I.E.  | { Lake View, Pittville, Cheltenham.<br>Broadalbin, Fulton County, N.Y.,<br>U.S. |
| 1885 Jan. 13.                        |      | 1891 Jan. 13.} JUDSON, WILLIAM PIERSON ..  | { Pen-y-Coed, Pritchatts Road, Edg-<br>baston, Birmingham.                      |
| 1905 Dec. 5.                         | ✠    | 1898 Mar. 1.} KAPP, GIBBERT .. ..  | { Box 557, Irrigation Department,<br>Pretoria.                                  |
| 1904 Dec. 13.                        |      | 1894 Jan. 9.} KARLSON, AUGUST WILHELM  | { 1 Albion Place, Leeds.  |
| 1894 Jan. 9.                         | ✠    | 1899 Nov. 28.} KAY, STANLEY ROBERT .. ..   | { 63 Dawson Street, Dublin. (Kaye-<br>Parry, Dublin. 808.)                      |
| 1873 Dec. 2.                         |      | 1878 Dec. 3.} KAYE-PARRY, WILLIAM, ..  | { Home Life Bldg., Victoria Street,<br>Toronto, Ont., Canada.                   |
| 1878 Dec. 3.                         | ✠    | 1884 Jan. 8.} KEATING, EDWARD HENRY ..   | { Tralce, Ireland.  |
| 1887 Oct. 25.                        |      | 1885 Dec. 1.} KEATING, HENRY, M.A. ( <i>Dubl.</i> )  | { D.P.W., New Westminster, British<br>Columbia.                                 |
| 1877 Dec. 4.                         | ✠    | 1883 Dec. 4.} KEEFER, GEORGE ALEXANDER   | { D.P.W., New Westminster, British<br>Columbia.                                 |
| 1888 Dec. 18.                        |      | 1877 Dec. 4.} {KEEFER, THOMAS COLTRIN,<br>C.M.G. ( <i>former Member of<br/>Council</i> ) .. .. | { Ottawa, Canada.   |
| 1873 May 20.                         | ✠    | 1883 Dec. 4.} KEELE, THOMAS WILLIAM ..   | { Harbours & Rivers Branch, P.W.D.,<br>Sydney, N.S.W.                           |
| 1883 May 1.                          |      | 1894 Feb. 20.} *KEELING, GEORGE WILLIAM ..   | { 10 Lansdown Terrace, Cheltenham.  |
| 1894 Feb. 20.                        | ✠    | 1894 Feb. 20.} *KEENE, PERCY EDWARD ..   | { G.I.P. Ry. Co., Bombay.   |
| 1902 Jan. 14.                        |      | 1902 Jan. 14.} KELLEY, HOWARD GEORGE ..  | { 1,124 Guaranty Building, Minne-<br>apolis, Minn., U.S.A. [fast.               |
| 1890 Dec. 2.                         | ✠    | 1890 Dec. 2.} KELLY WILLIAM REDFERN ..   | { Eng-in-Chief, Harbour Office, Bel-  |



| Date of Election<br>and of Transfer. |  | MEMBERS.   |  |
|--------------------------------------|--|--|--|
| 1878 Jan. 15.)                       | *KEMI E. HARRY ROBERT .. ..  | { Engineer-in-Chief's Office, General<br>Post Office, E.C.             |  |
| 1904 Feb. 16.)                       | { KENNEDY, Sir ALEXANDER<br>BLACKIE WILLIAM, LL.D.<br>(Glas.), F.R.S. (Vice-<br>President) .. .. . | { 17 Victoria Street, S.W. (Kinematic,<br>London. Westminster 621.)    |  |
| T t F † 1879 May 27.                 | { KENNEDY, JOHN (former<br>Member of Council) .. ..  | { Montreal, Canada.  |  |
| t † { 1880 Dec. 7.)                  | KENNEDY, NEIL .. .. .  | { Norfolk House, Laurence Pountney<br>Hill, E.C.                       |  |
| { 1884 May 13.)                      | KENNEDY, ROBERT, B.Sc. (Glas.)   | { Glenfield and Kennedy, Kilmarnock.                                   |  |
| 1904 Dec. 6.                         | KENSINGTON, FREDERICK .. ..  | { 2 Copthall Buildings, E.C.   |  |
| † { 1892 Apr. 5.)                    | KENYON, GEORGE CECIL .. ..   | { Eng.'s Office, Dockyard, Liverpool.                                  |  |
| { 1896 Nov. 24.)                     | *KER, HUGH TORRANCE .. ..  | { Coode, Son & Matthews, 9 Victoria<br>Street, S.W.                    |  |
| 1905 Mar. 7.                         | KERNOT, MAURICE EDWIN .. ..  | { Ry. Dept., Melbourne, Victoria.                                      |  |
| 1890 Dec. 2.)                        | { KERNOT, Professor WILLIAM<br>CHARLES, M.A., M.C.E. (Melb.)                                       | { University, Melbourne, Victoria.                                     |  |
| 1902 Dec. 16.)                       | KIDD, HECTOR .. .. .   | { Colonial Sugar Refining Co., Sydney,<br>N.S.W.                       |  |
| † 1895 Feb. 5.                       | KIDD, HENRY CHARLES .. ..  | { Grindlay & Co., Calcutta.  |  |
| 1901 Feb. 5.                         | *KIDD, WILLIAM .. .. .   | { c.o. Lowther & Co., 151 Cannon<br>Street, E.C.                       |  |
| 1889 Dec. 3.)                        | KIERZKOWSKI-STEUART, CHARLES<br>FERDINAND DE .. .. .   | { 7 Collingham Road, Cromwell Road,<br>S.W.                            |  |
| 1902 Dec. 2.)                        | KIMBER, JAMES .. .. .  | { 18 Lymington Rd., West End Lane,<br>West Hampstead, N.W.             |  |
| 1906 Feb. 6.                         | KINCAID, JOSEPH, M.A. (Dubl.)  | { 29 Great George Street, S.W. (Kin-<br>caid, London. Westminster 11.) |  |
| m † { 1887 May 24.)                  | KINDER, CLAUDE WILLIAM, C.M.G.   | { c.o. H.B.M. Consul, Tientsin, China.                                 |  |
| { 1900 Mar. 6.)                      | KING, WILLIAM .. .. .  | { 5 Beach Lawn, Waterloo, Liverpool.                                   |  |
| 1871 May 2.                          | KINGSTON, WILLIAM,<br>B.E. (Queen's) .. .. .   | { R.E. Office, Tidworth, Andover.                                      |  |
| 1877 Nov. 27.)                       | KINSEY, WILLIAM BARNES .. ..   | { Dundee, Natal.   |  |
| 1859 Dec. 6.)                        | KIRBY, CHARLES ANTHONY .. ..   | { G. N. Ry., Boston.   |  |
| 1875 Nov. 9.)                        | KIRBY, FREDERICK HALL .. ..  | { Engr.'s Office, M. Ry., Derby.                                       |  |
| 1870 Apr. 5.)                        | KIRBY, JAMES NOBLE .. ..   | { 101 Leadenhall Street, E.C.  |  |
| 1879 Mar. 25.)                       | KIRKALDY, JOHN .. .. .   | { York House, Cork.  |  |
| t † { 1878 Feb. 5.)                  | { KIRKBY, SAMUEL ALEXANDER.<br>M.A. (Cantab.) .. .. .  | { 17 Victoria Street, S.W. (West-<br>minster 5255.)                    |  |
| { 1889 Dec. 10.)                     | KIRKLAND, THOMAS .. .. .   | { 31 Larkhall Rise, Clapham, S.W.                                      |  |
| 1874 May 5.                          | KIRTLLEY, WILLIAM .. .. .  | { Waterworks, Cray, Brecon.  |  |
| 1886 Jan. 12.)                       | *KITCHINGMAN, DAWSON .. ..   | { Friedensthal, Gloucester Road,<br>Kingston Hill.                     |  |
| 1902 Mar. 11.)                       | { KITSON, Sir JAMES, Bart..<br>P.C., M.P. (former Member<br>of Council) .. .. .                    | { Monk Bridge Ironworks, Leeds. (73.)                                  |  |
| 1883 May 29.)                        | KNIGHTS, RICHARD .. .. .   | { Little Massingham, King's Lynn.                                      |  |
| 1892 Mar. 1.)                        | *KNOWLES, ARTHUR JAMES,<br>B.A. (Cantab.) .. .. .  | { New Nile Bridge, Roda Island,<br>Cairo, Egypt.                       |  |
| 1896 May 12.)                        | KNOWLES, GEORGE .. .. .  | { 82 Shaftesbury Avenue, Piccadilly,<br>W.                             |  |
| 1875 Mar. 2.                         | KRAFT, JOHN .. .. .  | { Société Cockerill, Seraing, Belgium.                                 |  |
| 1888 Mar. 6.)                        |  |  |  |
| 1901 Dec. 11.)                       |  |  |  |
| 1903 Jan. 13.                        |  |  |  |
| 1876 Dec. 5.                         |  |  |  |
| 1896 Jan. 14.)                       |  |  |  |
| 1904 Dec. 13.)                       |  |  |  |
| 1888 May 1.)                         |  |  |  |
| 1906 Jan. 23.)                       |  |  |  |
| 1866 Mar. 6.)                        |  |  |  |
| 1877 June 26.)                       |  |  |  |
| † 1879 Dec. 2.                       |  |  |  |

Date of Election  
and of Transfer.

## MEMBERS.

|       |                 |  |  |
|-------|-----------------|--|--|
|       | 1894 Feb. 6.    | KRAMER, ARNOLD .. .. .                           | { Leopold-Ring 1, Budapest, Hungary.                                 |
| ✠     | 1880 Apr. 6.    | { KÜHL, CHARLES HENRY<br>LEOPOLD, C.M.G. .. .. } | { European Commission of the Danube, Sulina.                         |
|       | 1898 Dec. 6.    | { KUSSMAUL, CHRISTIAN .. .. }                    | { Board of Works, 501 Collins Street, Melbourne, Victoria.           |
|       | 1903 Feb. 24.   |  |  |
|       | 1887 Mar. 1.    | *KYLE, JOHN .. .. .                              | Harbour Works, Colombo, Ceylon.                                      |
|       | 1894 Nov. 6.    |  |  |
|       | 1893 Dec. 5.    | { LACEY, ERNEST MATTHEW .. .. }                  | 2 Queen Anne's Gate, S.W.  |
|       | 1899 Apr. 18.   |  |  |
|       | 1885 May 19.    |  |  |
|       | 1897 Feb. 16.   | LACEY, FREDERICK WILLIAM ..                      | Borough Engineer, Bournemouth.                                       |
|       | 1906 Feb. 6.    | LACKIE, WILLIAM WALKER ..                        | 75 Waterloo Street, Glasgow.   |
|       | 1885 Dec. 1.    | LAFFAN, GEORGE BASTABLE, {                       | { Borough Engineer, Maritzburg, Natal.                               |
|       | 1900 Apr. 3.    | B.E. (Queen's) .. .. .                           |  |
|       | 1896 Dec. 1.    | LAILEY, CHARLES NICHOLSON ..                     | 53 Victoria Street, S.W.   |
|       | 1905 Jan. 31.   |  |  |
|       | 1894 Mar. 6.    | LAING, ANDREW .. .. .                            | Wallsend Slipway, Wallsend-on-Tyne.                                  |
|       | 1893 Dec. 5.    | LAING-MEASON, GILBERT ..                         | { South Canterbury Club, Timaru, New Zealand.                        |
|       | 1903 Dec. 22.   |  |  |
|       | 1886 Mar. 2.    | *LAKE, HARRY HERBERT ..                          | P.W.D., Gwalior, Central India.                                      |
|       | 1902 Apr. 22.   |  |  |
|       | 1885 Dec. 1.    | LANE, ALEXANDER MAURICE {                        | { Darlington Cottage, Sydney Buildings, Bath.                        |
|       | 1895 Oct. 22.   |  |  |
|       | 1876 May 30.    |  |  |
|       | 1883 Nov. 3.    | LANGDON, WILLIAM .. .. .                         | St. Margarets, Babbacombe, Torquay.                                  |
|       | 1881 May 31.    | LAPAGE, RICHARD HERBERT ..                       | { Sheen House, Walmer. (Lapage, Walmer.)                             |
|       | 1885 Nov. 24.   |  |  |
|       | 1874 Feb. 3.    | *LARGE, PHILIP TOWNSHEND {                       | { Carnaeway Rectory, Kilcullen, co. Kildare.                         |
|       | 1885 Nov. 10.   | SOMERVILLE .. .. .                               |  |
|       | 1878 Mar. 5.    | LARMINIE, JOHN CHARLES ..                        | Hill Side, Killiney, co. Dublin.                                     |
|       | 1894 May 22.    |  |  |
|       | 1865 May 2.     | LATHAM, BALDWIN .. .. .                          | { Parliament Mansions, Victoria Street, S.W.                         |
|       | 1868 May 19.    |  |  |
| T t ✠ | { 1859 Dec. 6.  | LATHAM, JOHN HERBERT, {                          | Ngaruawahia, Auckland, N.Z.  |
|       | 1866 Dec. 17.   |  |  |
|       | 1902 Feb. 4.    | { LA TOUCHE, JAMES NORMAN<br>DIGUES .. .. .      | Berhampur, Moorshedabad, Bengal.                                     |
|       | 1884 May 6.     | LAURENCE, WILLIAM KNOX ..                        | G.W. Ry., Bristol.   |
|       | 1888 Apr. 10.   | *LAW, HERBERT HENRY .. ..                        | 21 Pembroke Road, Kensington, W.                                     |
|       | 1899 Feb. 21.   |  |  |
|       | 1878 May 7.     |  |  |
|       | 1880 Feb. 24.   | LAWDER, ARTHUR WILLIAM ..                        | { c/o H. S. King & Co., 65 Cornhill, E.C.                            |
|       | 1880 Dec. 7.    | LAWDER, JAMES ORMSBY ..                          | { Lawderdale, Ballinamore, co. Leitrim.                              |
|       | 1884 Dec. 16.   |  |  |
| C ✠   | { 1886 Jan. 12. | LAWFORD, GEORGE MAXWELL                          | 9 Bridge Street, Westminster, S.W.                                   |
|       | 1899 Jan. 10.   |  |  |
|       | 1901 Feb. 5.    | LAWSON, ALLAN JOHN .. ..                         | 4 Adelphi Terrace, W.C.  |
|       | 1868 Mar. 3.    | LAYBOURNE, RICHARD .. ..                         | The Firs, Malpas, Newport, Mon.                                      |
|       | 1893 May 2.     | LEA, HENRY .. .. .                               | 38 Bennett's Hill, Birmingham.                                       |
|       | 1886 Dec. 7.    | LEAVITT, ERASMUS DARWIN ..                       | { 317 Harvard Street, Cambridge, Mass., U.S.                         |
|       | 1879 Feb. 4.    |  |  |
|       | 1885 Feb. 3.    | LEE, JOSEPH JOHN .. .. .                         | { L. & N. W. Ry., Engineer's Office, 126 Higher Ardwick, Manchester. |
| ✠     | { 1888 Feb. 7.  | *LEES, ARTHUR EDWIN {                            | F. A. Robinson & Co., 54 Old Broad Street, E.C.                      |
|       | 1903 Apr. 21.   |  |  |
|       | 1883 Mar. 6.    | *LEES, OSWALD CAMPBELL ..                        | { c/o Miss Lees, 19 Pembroke Road, Kensington, W.                    |
|       | 1905 Feb. 7.    |  |  |

| Date of Election<br>and of Transfer. |                                    | MEMBERS   |  |
|--------------------------------------|------------------------------------|---|--|
|                                      | 1904 Dec. 6.                       | { LE FANU, HENRY WILLIAM<br>EDWARD .. .. . }                                | 38 Rue de la Science, Charleroi,<br>Belgium.               |
| m                                    | { 1886 Dec. 7.<br>1896 Nov. 24. }  | *LEGG, WILLIAM ANDREW ..  | { Carlton Buildings, Parliament<br>Street, Cape Town, C.C. |
|                                      | 1872 Dec. 3.                       | LEGGATT, WILLIAM BENJAMIN   | 27 Ladbroke Grove, W.                                      |
|                                      | 1879 May 27.                       |   |  |
|                                      | 1898 Dec. 6.                       | LEITCH, DONALD CALDER ..  | { Rand Water Board, Box 1703,<br>Johannesburg, Transvaal.  |
| t m                                  | ✠ { 1896 Dec. 1.<br>1906 Jan. 9. } | *LEITCH, WILLIAM ORR, JUN..   | Imperial Rys., Tientsin, N. China.                         |
|                                      | ✠ 1883 Jan. 9.                     | LE MESURIER, WILLIAM HENRY  | 36 Slatey Road, Birkenhead.                                |
|                                      | 1865 May 23.                       | LEMON, JAMES .. .. .  | Lansdowne House, Southampton.                              |
|                                      | 1877 Jan. 30.                      |   |  |
|                                      | 1896 Apr. 14.                      | LE QUESNE, WILLIAM HENRY  | { c.o. Grindlay & Co., Parliament St.,<br>S.W.             |
|                                      | 1904 Jan. 12.                      | LE ROSSIGNOL, ALFRED ERNEST   | 7 Gliddon Rd., West Kensington, W.                         |
| T t                                  | ✠ { 1872 Jan. 9.                   | { LESLIE, Sir BRADFORD,<br>K.C.I.E. (former Member of<br>Council) .. .. . } | 8 Sussex Place, Regent's Park, N.W.                        |
| W S                                  |                                    |   |  |
|                                      | 1891 Dec. 1.                       | LESLIE, BRADFORD .. .. .  | 7 The Sanctuary, Westminster, S.W.                         |
|                                      | 1898 Feb. 15.                      |   |  |
|                                      | 1890 Dec. 2.                       | LESLIE, MORICE .. .. .  | { c.o. Grindlay & Co., Parliament<br>Street, S.W.          |
|                                      | 1891 Mar. 3.                       | LESLIE, ROBERT FLETCHER ..  | East Indian Ry., Allahabad, India.                         |
|                                      | 1901 Dec. 11.                      |   |  |
|                                      | 1906 Feb. 6.                       | { LEWIS, JAMES BANNATYNE,<br>M.C.E. (Melbourne) .. .. }                     | Lottah, Tasmania.  |
|                                      | 1893 Dec. 5.                       | *LEWIS, JOHN THORPE .. ..   | South Indian Ry., Madras.                                  |
|                                      | 1904 Dec. 13.                      |   |  |
|                                      | 1891 Jan. 13.                      | *LEWIS, SIDNEY COOKE .. ..  | { Mansergh & Sons, 5 Victoria Street,<br>S.W.              |
|                                      | 1900 Dec. 18.                      |   |  |
|                                      | 1879 May 6.                        | *LEWIS, WILLIAM CUTHBERT  | { Millwood House, Wrotham Heath,<br>Sevenoaks.             |
|                                      | 1895 Jan. 22.                      |   |  |
|                                      | 1865 Mar. 7.                       | { LEWIS, Sir WILLIAM THOMAS,<br>Bart. (Member of Council) }                 | The Mardy, Aberdare.                                       |
|                                      | 1869 Jan. 19.                      |   |  |
|                                      | ✠ { 1892 Dec. 6.                   | *LIDDLE, WILLIAM .. .. .  | Oakhurst, Crofton, Orpington, Kent.                        |
|                                      | 1898 Mar. 15.                      |   |  |
|                                      | 1885 Dec. 1.                       | *LIGHT, ERNEST EDWARD ..  | Ry. Dept., Perth, Western Australia.                       |
|                                      | 1902 Mar. 4.                       |   |  |
| m                                    | ✠ 1881 Dec. 6.                     | LIGHTFOOT, THOMAS BELL ..   | { 35 Queen Victoria Street, E.C.<br>(Separator, London.)   |
|                                      |                                    |   |  |
|                                      | 1892 Dec. 6.                       | LINDE, ALBERT DE .. .. .  | { Sanctuary House, Tothill Street,<br>Westminster, S.W.    |
|                                      | 1906 Jan. 30.                      |   |  |
|                                      | 1890 Feb. 4.                       | LINDENTHAL, GUSTAV .. ..  | 45 Cedar Street, New York, U.S.                            |
|                                      | 1881 Feb. 1.                       | LINDLEY, ROBERT SEARLES ..  | Godstone Place, Godstone, Surrey.                          |
|                                      | 1878 May 28.                       | LINDLEY, WILLIAM HEERLEIN   | Frankfurt-am-Main.   |
|                                      | 1880 Dec. 7.                       | LINDSAY, CHARLES COXHEAD ..   | { 180 Hope Street, Glasgow. (Civileng,<br>Glasgow.)        |
|                                      | 1887 Feb. 22.                      |   |  |
|                                      | 1897 Dec. 7.                       | LINEHAM, WILFRID JAMES ..   | 21 Newstead Road, Lee, S.E.                                |
|                                      | 1882 Apr. 4.                       | LISBÔA, JOAQUIM MIGUEL RIBEIRO  | Post Box 195, Rio de Janeiro.                              |
|                                      | 1871 Mar. 7.                       | LIST, GEORGE HENRY .. ..  | { 24 Gledstances Road, West Kensington,<br>W.              |
|                                      | 1880 Apr. 13.                      |   |  |
|                                      | ✠ { 1878 Feb. 5.                   | *LIST, JOHN, Royal Naval Reserve  | { 3 St. John's Park, Blackheath,<br>S.E.                   |
|                                      | 1887 Feb. 1.                       |   |  |
|                                      | ✠ { 1887 Dec. 6.                   | LITSTER, DAVID MICHAEL ..   | { c.o. Grindlay & Co., Parliament St.,<br>S.W.             |
|                                      | 1897 Nov. 30.                      |   |  |
|                                      | 1889 Dec. 3.                       | LIVENS, FREDERICK HOWARD  | Ruston, Proctor & Co., Lincoln.                            |
|                                      | 1906 Jan. 23.                      |   |  |
|                                      | 1872 Mar. 5.                       | LIVESEY, Sir GEORGE THOMAS  | Shagbrook, Reigate.  |
|                                      | 1886 May 18.                       | *LIVESEY, HARRY .. .. .   | 14 South Place, Finsbury, E.C.                             |
|                                      | 1894 Jan. 23.                      |   |  |
|                                      | 1867 Dec. 3.                       | LIVESEY, JAMES .. .. .  | 14 South Place, Finsbury, E.C.                             |
|                                      | 1878 Feb. 19.                      |   |  |



| Date of Election<br>and of Transfer. |                               | MEMBERS. |   |
|--------------------------------------|-------------------------------|----------|---|
| 1896 Feb. 4.                         | LLOYD, ROBERT SAMUEL ..       | {        | Hayward-Tyler & Co., 99 Queen Victoria Street, E.C.             |
| 1903 Apr. 7.                         | LOANE, SAMUEL JOSHUA ..       | {        | Lu-Ville, Vyasapandy, Madras.                                   |
| 1875 Jan. 12.                        | LOBLEY, JOSEPH .. ..          | {        | Boro' Surveyor, Hanley, Staffs.                                 |
| 1886 May 11.                         |                               |          |   |
| † { 1889 Jan. 8.                     | LOBNITZ, FREDERIC .. ..       | {        | Auchinlothie, Kilmacolm, Rentrew-shire.                         |
| 1900 Apr. 10.                        |                               |          |   |
| 1877 Jan. 16.                        | *LOCKHART, WILLIAM STRONACH   | {        | 67 Granville Park, Blackheath, S.E.                             |
| 1889 Apr. 9.                         | LOCKYER, NORMAN JOSEPH ..     | {        | N.E. Ry., Loco. Works, Gateshead-on-Tyne.                       |
| 1888 Apr. 10.                        |                               |          |   |
| 1898 Feb. 8.                         | LONGBOTHAM, JONATHAN ..       | {        | Sharrow House, Sheffield.                                       |
| 1899 Dec. 5.                         |                               |          |   |
| 1887 May 24.                         | LONGDEN, JOHN ALFRED ..       | {        | Stanton-by-Dale, Nottingham. (Longden, Stanton, Alfreton.)      |
| 1894 Dec. 4.                         | LONGFIELD, RICHARD WILLIAM    | {        | County Surveyor, Bandon, co. Cork.                              |
| 1902 Feb. 11.                        |                               |          |   |
| 1894 Dec. 4.                         | *LONGHURST, FREDERICK HERD-   | {        | c.o. MacFadyean & Co., Winchester House, Old Broad Street, E.C. |
| 1905 Dec. 19.                        | MAN .. .. .                   |          |   |
| 1874 Mar. 3.                         | LONGRIDGE, MICHAEL,           | {        | Linkvretten, Ashley Road, Peel Causeway, Cheshire.              |
| 1880 May 11.                         |                               |          |   |
| t † { 1883 May 29.                   | LOPES, GEORGE, B.A. (Cantab.) | {        | 1 Queensberry Place, S.W.                                       |
| 1889 Nov. 5.                         |                               |          |   |
| 1901 Apr. 23.                        | LORD, JAMES .. .. .           | {        | Aldwyn, Greenroyd, Halifax.                                     |
| 1905 Apr. 11.                        |                               |          |   |
| 1889 Jan. 8.                         | *LOVEGROVE, EDWIN JAMES ..    | {        | Hornsey District Council, Southwood Lane, N.                    |
| 1899 Dec. 12.                        | *LOW, PERCY ARCHIBALD ..      | {        | Vicarage Road, Rugby.   |
| 1888 Feb. 7.                         |                               |          |   |
| 1902 Apr. 22.                        | *LOWCOCK, SIDNEY RICHARD ..   | {        | 50 Queen Anne's Gate, Westminster, S.W. (Victoria 519.)         |
| T t m † { 1885 Mar. 3.               |                               |          |   |
| 1899 Mar. 28.                        | { LOWE, JOHN LANDOR,          | {        | Midland Ry., Derby.   |
| 1885 Dec. 1.                         |                               |          |   |
| 1891 Jan. 13.                        | LOWE, LOUIS JOHN MCKENZIE     | {        | Casilla 655, Buenos Aires.                                      |
| 1884 Feb. 5.                         | LUCAS, WILLIAM OWEN .. ..     | {        | Invermay, Dry Hill Park Road, Tonbridge, Kent.                  |
| 1895 Mar. 5.                         |                               |          |   |
| 1901 Feb. 5.                         | LUGGI, LUIGI .. .. .          | {        | 81 Via Sardegna, Rome.  |
| 1880 Dec. 7.                         | LUKE, ARTHUR GEORGE .. ..     | {        | Woodlands, Broadstone, Wimborne.                                |
| 1904 Apr. 19.                        | LUKE, WILLIAM JOSEPH .. ..    | {        | John Brown and Co., Clydebank, N.B.                             |
| 1885 Mar. 3.                         | LUMSDEN, HUGH DAVID .. ..     | {        | 63 Homewood Avenue, Toronto, Canada.                            |
| 1876 Mar. 7.                         |                               |          |   |
| 1876 Feb. 1.                         | LUNDIE, GEORGE ARCHIBALD      | {        | 32 Newport Road, Cardiff.                                       |
| 1879 Mar. 4.                         |                               |          |   |
| 1893 Jan. 10.                        | LUNN, WILLIAM .. .. .         | {        | Drainage Works, Bridgwater.                                     |
| 1902 Apr. 15.                        |                               |          |   |
| 1878 May 7.                          | LUPTON, Professor ARNOLD ..   | {        | 6 De Grey Road, Leeds. (Arnold Lupton, Leeds. 330.)             |
| 1892 May 3.                          | *LYELL, DAVID .. .. .         | {        | Box 5228, Johannesburg, Transvaal.                              |
| 1900 Feb. 13.                        |                               |          |   |
| 1887 Jan. 11.                        | *LYELL, ROBERT, B.Sc. (Edin.) | {        | Monte Caseros, Argentina.                                       |
| 1900 Dec. 19.                        | *LYNAM, GEORGE TROTTER ..     | {        | Town Hall, Burton-on-Trent.                                     |
| 1891 Dec. 1.                         |                               |          |   |
| 1906 Feb. 6.                         | LYNDE, FRANCIS GASCOIGNE ..   | {        | Bourn End House, Bletsoe, nr. Bedford.                          |
| 1877 Dec. 4.                         |                               |          |   |
| 1882 May 23.                         | LYNDE, JAMES HENRY .. ..      | {        | Buckland, Ashton-on-Mersey, Manchester.                         |
| 1875 May 11.                         |                               |          |   |
| 1877 Nov. 27.                        | LYNN, GRAHAM RIGBY .. ..      | {        | Port Eng.'s Office, Manora, Karachi.                            |
| 1884 Dec. 2.                         |                               |          |   |
| 1890 May 20.                         | { LYSTER, ANTHONY GEORGE      | {        | Dockyard, Liverpool.  |
| † 1882 Dec. 5.                       |                               |          |   |



|     | Date of Election<br>and of Transfer. | MEMBERS.   |  |
|-----|--------------------------------------|--|--|
| m   | { 1882 Feb. 7.<br>1891 Sept. 29. }   | *MACALISTER, DANIEL .. ..                          | { Water Trust, Municipal Buildings,<br>Greenock, N.B.                    |
|     | { 1881 May 31.<br>1896 May 12. }     | MACALISTER, ROBERT .. ..                           | { Somerled, Meyrick Park Crescent,<br>Bournemouth.                       |
|     | 1879 Feb. 4. }                       | MACASSEY, LUKE LIVINGSTON                          | 38 Parliament Street, S.W.   |
|     | 1886 Feb. 9. }                       |  |  |
|     | 1889 Dec. 3. }                       | *MACAULAY, FREDERIC WILLIAM                        | { Birmingham Water Dept., Springfield<br>House, Ludlow. (Water, Ludlow.) |
|     | 1900 Dec. 18. }                      |  |  |
|     | 1881 Jan. 11. }                      | MACBRAIR, ROBERT ALEX-<br>ANDER .. .. .            | { City Engineer, Lincoln.  |
|     | 1902 Dec. 2. }                       |  |  |
|     | 1894 Dec. 4. }                       | MACCABE, WILLIAM BERNARD                           | City Engineer, Calcutta.   |
|     | 1902 Jan. 28. }                      |  |  |
|     | 1902 Mar. 4. }                       | *McCLURE, HUGH HANNAY ..                           | { John Aird & Co., Avonmouth Docks,<br>Bristol.                          |
|     | 1891 May 5. }                        | McCORMICK, JOHN MACNEILL                           | Govt. Rys., Hobart, Tasmania.  |
|     | 1889 Mar. 5. }                       | McCULLOUGH, FREDERICK                              | Waterworks Engineer, Belfast.  |
|     | 1896 May 12. }                       | WILLIAM .. .. .                                    |  |
|     | 1891 Apr. 7. }                       | McDONALD, ALEXANDER BEITH                          | City Engineer, Glasgow.  |
|     | 1874 Mar. 3. }                       | McDONALD, ARTHUR HARMAN                            | 1 Osborne Road, Clifton, Bristol.  |
|     | 1905 Feb. 7. }                       | MACDONALD, DONALD ..                               | Butterfield & Swire, Hong Kong.  |
|     | 1892 May 24. }                       | *McDONALD, GEORGE CHAMPION                         | Cambrian Rys., Oswestry.   |
|     | 1899 Mar. 28. }                      |  |  |
|     | 1881 Dec. 6. }                       | *McDONALD, JOHN ALEXANDER                          | { c.o. McDonald, Scales & Co., 4 Chapel<br>Street, Cripplegate, E.C      |
|     | 1888 Feb. 28. }                      |  |  |
|     | 1894 May 1. }                        | *McDONNELL, IAN ALISTER,<br>B.A.I. (Dubl.) .. .. . | { East Indian Ry., Jumulpore, Bengal.                                    |
|     | 1904 Mar. 29. }                      |  |  |
|     | 1875 Feb. 2. }                       | McDOUGALL, NIEL .. .. .                            | { Guildhall Chambers, Lloyd Street,<br>Manchester.                       |
|     | 1881 Mar. 15. }                      |  |  |
|     | 1879 Dec. 2. }                       | *MACFARLANE, DONALD .. ..                          | { H.M. Naval Yard, Simon's Town,<br>Cape Colony.                         |
|     | 1900 Dec. 18. }                      |  |  |
|     | 1879 Apr. 1. }                       | McGREGOR, JOSIAH .. .. .                           | { 37 Harold Road, Upper Norwood,<br>S.E.                                 |
|     | 1869 Dec. 1. }                       | McHUTCHIN, WILLIAM .. ..                           | United Service Club, Bangalore, India.                                   |
|     | 1897 Feb. 2. }                       | McINTYRE, JOHN TURNBULL ..                         | Grindlay, Groom & Co., Bombay.   |
|     | 1904 Dec. 13. }                      |  |  |
|     | 1903 Jan. 13. }                      | MACKAIL, GEORGE HENDERSON                          | { 35 Argyle Crescent, Portobello,<br>Edinburgh.                          |
|     | 1890 Feb. 4. }                       | MACKENZIE, ARCHIBALD                               | { c.o. Parry & Co., 70 Gracechurch<br>Street, E.C.                       |
|     | 1897 Nov. 30. }                      | THOMAS .. .. .                                     |  |
| T t | { 1875 May 4.<br>1878 Apr. 30. }     | MACKENZIE, JOHN BOWER ..                           | { St. Edmunds, Glen Huntly, Mel-<br>bourne, Victoria.                    |
|     | 1904 Jan. 12. }                      | MACKENZIE, NICOL FINLAYSON                         | { Royal Indian Engineering College,<br>Staines.                          |
|     | 1866 Jan. 9. }                       | McKERROW, ALEXANDER ..                             | { 17 Victoria Street, S.W. (West-<br>minster 505.)                       |
|     | 1871 Dec. 5. }                       |  |  |
|     | 1859 Mar. 1. }                       | McKIE, HUGH UNSWORTH ..                            | White House, Spondon, Derby.   |
|     | 1885 Dec. 1. }                       |  |  |
|     | 1882 Dec. 5. }                       | McKIE, ISAAC SHEPHERD ..                           | Castle House, Criccieth, N. Wales.                                       |
|     | 1899 Dec. 12. }                      |  |  |
|     | 1885 Dec. 1. }                       | McKIE, JAMES .. .. .                               | White House, Spondon, Derby.   |
|     | 1899 Feb. 7. }                       |  |  |
|     | 1880 Jan. 13. }                      | McKINNEY, HUGH GIFFEN, M.E.                        | The Exchange, Sydney, N.S.W.   |
|     | 1885 Feb. 24. }                      |  |  |
|     | 1870 May 24. }                       | MACKINNON, MATTHIE CHARLES                         | Hatton, Torquay.   |
|     | 1893 Nov. 7. }                       |  |  |
|     | 1888 Dec. 4. }                       | *MACLAREN, JAMES WADDELL                           | { Chartered Bank Buildings, Singa-<br>pore, S.S.                         |
|     | 1898 Mar. 22. }                      | BOYD .. .. .                                       |  |
|     | { 1876 May 2.<br>1892 Nov. 8. }      | McLAREN, JOHN .. .. .                              | { Midland Engine Works, Hunslet,<br>Leeds. (McLaren, Leeds.)             |
|     | 1879 May 6. }                        |  |  |
|     | 1887 May 17. }                       | McLAUGHLIN, FREDERICK JAMES                        | 8 Old Park Avenue, Balham, S.W.  |

| Date of Election<br>and of Transfer. |   | MEMBERS.                           |   |
|--------------------------------------|---|------------------------------------|---|
| 1894 Apr. 3.                         | { | MACLAY, WILLIAM WALTER,            | Box 512, Glens Falls, New York,         |
| 1889 Dec. 3.                         | { | M.A. ( <i>New York</i> ) .. ..     | U.S.A.                                  |
| 1903 Dec. 22.                        | { | MACLEAN, CHARLES WILLIAM           | { Ports and Harbours Dept., Mel-        |
| 1883 Dec. 4.                         | { |                                    | bourne, Victoria.                       |
| 1897 Mar. 15.                        | { | *MACLEAN, FRANCIS WILLIAM          | Railway Dept., Dunedin, N.Z.            |
| 1906 Feb. 6.                         | { | MACLEAN, <i>Professor</i> MAGNUS,  | The Technical College, Glasgow.         |
|                                      | { | M.A., D.Sc. ( <i>Glas.</i> ) .. .. |   |
| † { 1893 May 2.                      | { | McLELLAN, DUGALD .. ..             | Caledonian Ry., Buchanan Street         |
| † { 1903 Mar. 10.                    | { |                                    | Station, Glasgow.                       |
| 1894 Feb. 6.                         | { | *McMAHON, PETER VALENTINE          | 195 Clapham Road, S.W.                  |
| 1903 Dec. 22.                        | { |                                    |   |
| 1884 Dec. 2.                         | { | MACPHERSON, DUNCAN .. ..           | { National Transcontinental Ry.,        |
| 1891 May 5.                          | { |                                    | Ottawa, Canada.                         |
| 1887 Apr. 5.                         | { | McPHERSON, JOHN AMBROSE ..         | Waterworks Office, Bristol.             |
| 1906 Jan. 9.                         | { |                                    |   |
| 1870 Dec. 6.                         | { | MADELEY, JAMES CHATBURN ..         |   |
| 1878 Feb. 19.                        | { |                                    |   |
| 1897 Dec. 10.                        | { | *MADELEY, JAMES WELBY,             |   |
| 1904 Dec. 13.                        | { | M.A. ( <i>Cantab.</i> ) .. ..      | Waterworks, Hayfield, Stockport.        |
| † { 1899 Dec. 5.                     | { | MAGINNIS, ARTHUR JOHN ..           | 28 Chapel Street, Liverpool.            |
| † { 1889 Feb. 5.                     | { |                                    |   |
| 1898 Dec. 20.                        | { | MAIR, HUGH .. ..                   | Vestry Hall, Hammersmith, W.            |
| W t † { 1873 May 20.                 | { | MAIR-RUMLEY, JOHN GEORGE           | { The Hammonds, Udimore, S.O.,          |
|                                      | { |                                    | Sussex.                                 |
| 1879 Dec. 2.                         | { | MAIS, HENRY COATHUPE ..            | Prell's Buildings, Melbourne, Victoria. |
| 1886 Dec. 7.                         | { | MALCOLM, BOWMAN .. ..              | Northern Counties Ry., Belfast.         |
| 1882 Mar. 7.                         | { | *MALET, ALAN ARTHUR GREN-          | Local Government Board, White-          |
| 1901 Dec. 11.                        | { | VILLE .. ..                        | hall, S.W.                              |
| † { 1863 May 5.                      | { | MALLET, ROBERT TREFUSIS ..         | 51 Earl's Court Square, S.W.            |
| † { 1876 Dec. 5.                     | { |                                    |   |
| 1889 Dec. 3.                         | { | MALTRY, THOMAS CRICHTON ..         | C.J. Deck, Trafalgar St., Nelson, N.Z.  |
| 1882 Dec. 5.                         | { | MANMATT, JOHN EDWARD ..            | 1 Albion Place, Leeds.                  |
| 1883 Dec. 4.                         | { | { MANCE, <i>Sir</i> HENRY CHRIS-   | Old Woodbury, Sandy, Beds.              |
|                                      | { | TOPHER, C.I.E. .. ..               |   |
| 1870 May 24.                         | { | MANISTY, EDWARD .. ..              | 39 Chalk Farm Road, N.W.                |
| 1893 Jan. 17.                        | { |                                    |   |
| t † { 1888 Mar. 6.                   | { | MANN, ISAAC JOHN .. ..             | 5 St. Augustine's Road, Bedford.        |
| 1876 May 2.                          | { | MANNERING, HORACE JOHN ..          | 30 Garlies Road, Forest Hill, S.E.      |
| 1897 Feb. 23.                        | { |                                    |   |
| 1870 May 24.                         | { | MANNERS, CHARLES ROBERT ..         | 12 Lombard Street, Inverness.           |
| 1887 Nov. 8.                         | { |                                    |   |
| 1864 Dec. 6.                         | { | MANNING, JOHN RICHARDS ..          | 110 London Road, Forest Hill, S.E.      |
| 1887 May 3.                          | { | MANOUG, JOSEPH LATIF, <i>Bey</i>   | Cairo, Egypt.                           |
| 1898 Dec. 5.                         | { | MANSELL, WALTER .. ..              | 49 Emmerdale Road, Richmond, S.W.       |
| 1891 May 5.                          | { |                                    |   |
| 1900 Mar. 27.                        | { | *MANSENGH, ERNEST LAWSON ..        | 5 Victoria Street, S.W.                 |
| 1891 Dec. 1.                         | { | *MANTON, ARTHUR WOODROFFE,         | Pearson & Son, E. River Tunnels,        |
| 1899 Apr. 11.                        | { | B.Sc. ( <i>Birmingham</i> ) .. ..  | Long Island City, N.Y., U.S.            |
| † { 1881 Dec. 6.                     | { | MARCHANT, FREDERIC WILLIAM         | Box 74, Timaru, New Zealand.            |
| † { 1892 Nov. 29.                    | { |                                    |   |
| † { 1889 May 21.                     | { | MARCHBANKS, JAMES .. ..            | { Wellington and Manawatu Ry.,          |
| † { 1901 Jan. 15.                    | { |                                    | Wellington, N.Z.                        |
| 1887 Apr. 5.                         | { | *MARKS, HENRY CAPNER ..            | City Engineer, Carlisle.                |
| 1905 Apr. 11.                        | { |                                    |   |
| 1892 Dec. 6.                         | { | MARLEY, JOHN WILLIAM ..            | Thornfield, Darlington.                 |
| † { 1883 Mar. 6.                     | { | *MARRIOTT, WILLIAM .. ..           | { M. & G. N. Rys., Melton Constable.    |
| † { 1891 Nov. 17.                    | { |                                    | (Marriott, Melton Constable.)           |
| † { 1898 Apr. 5.                     | { | MARSH, CHARLES FLEMING ..          | { Metropolitan Water Board, Eng.'s      |
| † { 1905 Feb. 7.                     | { |                                    | Dept., Savoy Court, W.C.                |
| 1897 Dec. 7.                         | { | { MARSH, CHARLES WILLIAM           | Rockdale, Stow Park, Newport,           |
|                                      | { | EARLE .. ..                        | Mon.                                    |

|        | Date of Election<br>and of Transfer. | MEMBERS.   |  |
|--------|--------------------------------------|--|--|
|        | 1889 Feb. 5.}                        | *MARSH, DOUGLAS EARLE ..                                   | { L.B. & S.C. Ry., Loco. Department,<br>Brighton.              |
|        | 1905 Dec. 19.}                       |  |  |
|        | 1877 May 29.}                        | *MARSH, HENRY, C.I.E. ..                                   | { Irrigation Dept., P.W.D., Agra,<br>N.W.P., India.            |
|        | 1890 Mar. 4.}                        |  |  |
|        | 1887 May 3.}                         | *MARSH, LEONARD SWAINE                                     | { Waterworks Office, Sheffield.                                |
|        | 1905 Apr. 11.}                       | MORTLOCK .. .. .   |  |
|        | 1862 Mar. 4.}                        | MARSH, THOMAS EDWARD MILLES                                | { 34 Grosvenor Place, Bath.                                    |
|        | 1891 Feb. 3.}                        | MARSH, WILLIAM SUTCLIFFE ..                                | { The Elms, Mount Pleasant, Swansea.                           |
|        | 1893 Mar. 7.}                        |  |  |
|        | 1905 Feb. 21.}                       | MARSHALL, LAUNCELOT PAUL                                   | { Northern Outfall Works, Beckton, E.                          |
| ✠      | { 1877 Feb. 6.}                      | MARSHALL, WILLIAM BAYLEY                                   | { Richmond Hill, Birmingham.                                   |
|        | { 1887 Apr. 19.}                     |  | { (Augustus, Birmingham. 3533.)                                |
|        | 1857 Jan. 13.}                       | MARTEN, EDWARD BINDON ..                                   | { Pedmore, near Stourbridge.                                   |
|        | 1877 May 8.}                         |  |  |
| ✠      | { 1883 May 1.}                       | MARTEN, EDWARD DIMMACK,}                                   | { Lamberhurst, Bath Road, Cheltenham.                          |
|        | { 1893 May 2.}                       | M.A. ( <i>Cantab.</i> ) .. .. .                            |  |
|        | 1891 May 5.}                         | *MARTEN, HUBERT BINDON ..                                  | { 54 Nightingale Road, Southsea.                               |
|        | 1904 Mar. 29.}                       |  |  |
|        | 1898 Apr. 5.}                        | MARTIN, ARTHUR JOHN ..                                     | { 7 Victoria Street, S.W.                                      |
|        | 1906 Mar. 6.}                        |  |  |
|        | 1883 Feb. 6.}                        | MARTIN, DANIEL FRANCIS ..                                  | { Thornbank, Kenley, Surrey.                                   |
|        | 1881 Apr. 5.}                        | { MARTIN, EDWARD PRITCHARD }<br>(former Member of Council) | { The Hill, Abergavenny.                                       |
| ✠      | 1897 Jan. 12.}                       | MARTIN, EDWIN LEWIS ..                                     | { Roden Lodge, Beauchamp Roothing,<br>Ongar.                   |
| ✠      | 1888 Dec. 4.}                        | MARTIN, HENRY WILLIAM ..                                   | { Sherwood, Newport Road, Cardiff.                             |
|        | 1859 Apr. 5.}                        | MARTINEAU, WILLIAM ..                                      | { 58 Blomfield Road, Maida Vale, W.                            |
|        | 1884 Dec. 2.}                        |  |  |
|        | 1901 Dec. 17.}                       | *MARWOOD, HORACE RICHARD ..                                | { Govt. Rys., Port of Spain, Trinidad.                         |
|        | 1896 May 19.}                        | MASCHWITZ, CARLOS ..                                       | { Laprida 352, Buenos Aires.                                   |
|        | 1884 Apr. 1.}                        | MASON, CLAYTON TURNER ..                                   | { Fremantle, W. Australia.                                     |
|        | 1888 May 15.}                        | MASSEY, WILLIAM HENRY ..                                   | { 25 Queen Anne's Gate, S.W. (Mas-<br>sive, London.)           |
|        | 1888 Apr. 10.}                       |  |  |
|        | 1906 Jan. 9.}                        | MASSIE, FRANK .. .. .                                      | { Tetley House, Kirkgate, Wakefield.                           |
|        | 1886 Feb. 2.}                        | MATHER, Sir WILLIAM, M.P. ...                              | { Salford Ironworks, Manchester.                               |
|        | 1887 Feb. 1.}                        | MATHESON, DONALD ALEX-}                                    | { Caledonian Ry., Buchanan Street                              |
|        | 1895 Dec. 3.}                        | ANDER .. .. .  | { Station, Glasgow.  |
| t ✠    | 1876 May 2.}                         | MATHESON, EWING .. .. .                                    | { 13 Walbrook, E.C. (Matheson, Wal-<br>brook.)                 |
|        | 1865 Mar. 7.}                        | { MATHESON, HENRY MONTAGU, }                               | { Clayton, Surbiton Hill Park.                                 |
|        |                                      | C.I.E. .. .. .   |  |
|        | 1905 Dec. 5.}                        | MATTHEWS, ROBERT .. ..                                     | { Parr's House, Heaton Mersey.                                 |
|        | 1877 Feb. 6.}                        |  |  |
|        | 1884 May 6.}                         | MATTHEWS, THOMAS .. ..                                     | { Trinity House, E.C.  |
|        | 1870 Dec. 6.}                        | MATTHEWS, Sir WILLIAM,}                                    | { 9 Victoria Street, S.W. (Penlee,<br>London. Westminster 47.) |
|        | 1876 Dec. 5.}                        | K.C.M.G. ( <i>Vice-President</i> ) ..                      |  |
| t ✠    | { 1882 Apr. 4.}                      | MATTHEWS, WILLIAM .. ..                                    | { Waterworks Engineer, Southampton.                            |
|        | { 1889 Apr. 30.}                     |  |  |
|        | 1871 May 2.}                         | MAUDSLAY, WALTER HENRY ..                                  | { 69 Cadogan Gardens, S.W.                                     |
|        | 1877 Dec. 18.}                       |  |  |
|        | 1895 Jan. 8.}                        | MAVOR, HENRY ALEXANDER ..                                  | { 3 Windsor Circus, Kelvinside,<br>Glasgow.                    |
|        | 1899 Nov. 28.}                       |  |  |
| F ✠    | 1896 Feb. 4.}                        | MAW, WILLIAM HENRY .. ..                                   | { 35 Bedford Street, Strand, W.C.                              |
|        | 1885 Dec. 1.}                        |  |  |
|        | 1898 Feb. 8.}                        | MAWBAY, ENOCH GEORGE ..                                    | { Boro' Surveyor, Leicester.                                   |
| in m ✠ | { 1873 Jan. 14.}                     | *MAXWELL, JOSEPH PRIME ..                                  | { Wellington, N.Z.   |
|        | { 1883 May 29.}                      |  |  |
|        | 1885 Mar. 3.}                        |  |  |
|        | 1902 Dec. 16.}                       | *MAY, CHARLES RAMSDEN ..                                   | { Orwell Lodge, Erith, Kent.                                   |
|        | 1886 Dec. 7.}                        |  |  |
|        | 1894 Mar. 6.}                        | MAY, FRANCIS JOHN CHARLES                                  | { 25, Compton Avenue, Brighton.                                |



| Date of Election<br>and of Transfer. |                   | MEMBERS.  |   |
|--------------------------------------|-------------------|---|---|
|                                      | 1893 Dec. 5.}     | MAY, WALTER, R.N. .. ..                                 | Nine Elms Ironworks, Reading.   |
|                                      | 1902 Dec. 16.}    |   |   |
| †                                    | {1876 May 2.      | MAYLOR, WILLIAM .. ..                                   | {The Grange, Hanley Swan,<br>Worcestershire.                          |
|                                      | {1879 Feb. 4.     |   |   |
| †                                    | {1894 Dec. 4.     | *MAYNE, CHARLES .. ..                                   | Municipal Council, Shanghai.  |
|                                      | {1902 Mar. 25.}   |   |   |
|                                      | 1879 Feb. 4.}     | MEADE, THOMAS DE COURCY ..                              | Town Hall, Manchester.  |
|                                      | 1891 Mar. 30.}    |   |   |
| S t                                  | † {1887 Dec. 6.}  | MEADE-KING, WILLIAM OLIVER                              | Local Govt. Board, Whitehall, S.W.                                    |
|                                      | {1890 Dec. 9.}    |   |   |
|                                      | 1863 May 5.}      | MEDEIROS, VIRIATO DE .. ..                              | Rio de Janeiro.   |
|                                      | 1888 Feb. 7.}     |   |   |
|                                      | † {1876 May 2.}   | MEIK, CHARLES SCOTT .. ..                               | 16 Victoria Street, S.W. (Snowdon.<br>London.)                        |
| t                                    | † {1880 Apr. 27.} |   |   |
|                                      | 1886 May 4.}      | MELDRUM, JAMES .. ..                                    | 10 Victoria Street, S.W.  |
|                                      | 1897 Dec. 7.}     |   |   |
|                                      | 1888 Feb. 7.}     | MELHUISE, THOMAS WALTER                                 | Dahlemerstrasse 6, Südende, Berlin.                                   |
|                                      | 1901 Dec. 17.}    |   |   |
|                                      | 1874 May 5.}      | WARREN .. ..  | {264 Gresham House, Old Broad<br>Street, E.C.                         |
|                                      | 1891 Nov. 17.}    |   |   |
|                                      | 1901 Apr. 23.}    | MELLOR, MONTAGUE RAFFINGTON                             | {S. Pearson & Son, Coatzacoalcas,<br>Mexico.                          |
|                                      | 1893 Mar. 7.}     |   |   |
|                                      | 1883 Dec. 4.}     | MENEZES, CAMILLO MARIA DE                               | {Señor D. Level, 42 Rua da Passagem,<br>Rio de Janeiro.               |
|                                      | 1905 Jan. 10.}    |   |   |
|                                      | 1888 Mar. 6.}     | MERZ, CHARLES HESTERMAN ..                              | 28 Victoria Street, S.W.  |
|                                      | 1896 Nov. 24.}    |   |   |
|                                      | 1879 Dec. 2.}     | *MESSENT, PHILIP GLYNN ..                               | Port Trust, Bombay.   |
|                                      | 1889 Jan. 29.}    |   |   |
|                                      | 1896 Mar. 3.}     | MESTAYER, RICHARD LIRON ..                              | Lambton Quay, Wellington, N.Z.  |
|                                      | 1885 Mar. 3.}     |   |   |
|                                      | 1897 Apr. 6.}     | METCALF, WILLIAM .. ..                                  | {Braeburn Steel Co., Braeburn, Pa.,<br>U.S.                           |
|                                      | 1885 Mar. 3.}     |   |   |
|                                      | 1897 Apr. 6.}     | {METCALFE, Sir CHARLES                                  | 5 Grand Parade Buildings, Cape<br>Town, C.C.                          |
|                                      | 1885 Mar. 3.}     |   |   |
|                                      | 1897 Apr. 6.}     | {HERBERT THEOPHILUS, Bart.<br>(Member of Council) .. .. | {30 Palmerston Buildings, Auckland,<br>N.Z.                           |
|                                      | 1892 Dec. 6.}     |   |   |
|                                      | 1901 Dec. 11.}    | METCALFE, HENRY HULBERT                                 | {N.Z.   |
|                                      | 1875 Feb. 2.}     |   |   |
|                                      | 1882 Feb. 14.}    | METHVEN, CATHCART WILLIAM,                              | Durban, Natal.  |
|                                      | 1896 Dec. 1.}     |   |   |
|                                      | 1904 Dec. 13.}    | F.R.S.E. .. ..  | Durban, Natal.  |
|                                      | 1878 Feb. 5.}     |   |   |
|                                      | 1894 Dec. 4.}     | *METZGER, GUSTAVUS FERDINAND                            | 17 Cooper Street, Manchester.   |
|                                      | 1880 May 4.}      |   |   |
|                                      | 1900 Jan. 30.}    | *MEYSEY - THOMPSON, ARTHUR                              | {Hathorn, Davey & Co., Leeds.<br>(Hathorn, Leeds. 524.)               |
|                                      | 1878 Feb. 5.}     |   |   |
|                                      | 1894 Dec. 4.}     | HERBERT .. ..   | {Hathorn, Leeds. 524.)  |
|                                      | 1880 May 4.}      |   |   |
|                                      | 1900 Jan. 30.}    | *MICHELL, THEOPHILUS .. ..                              | Windsor Lodge, Taunton.   |
|                                      | 1870 Feb. 1.}     |   |   |
| †                                    | {1870 Feb. 1.}    | MIDDLETON, REGINALD EMPSON                              | {17 Victoria Street, S.W. (Appoint,<br>London.)                       |
|                                      | {1885 Dec. 1.}    |   |   |
|                                      | 1863 Mar. 3.}     | MIERS, FRANCIS CHARLES ..                               | Eden Cottage, Beckenham.  |
|                                      | 1896 Feb. 4.}     |   |   |
|                                      | 1902 Apr. 22.}    | *MILES, HARRY POWELL ..                                 | {Engineer's Office, Cripplegate,<br>Wakefield.                        |
|                                      | 1876 Mar. 7.}     |   |   |
|                                      | 1886 Feb. 9.}     | MILLER, HENRY .. ..                                     | {Bosmere House, Norwich Road,<br>Ipswich.                             |
|                                      | 1892 Mar. 1.}     |   |   |
|                                      | 1899 Feb. 7.}     | MILLER, HERBERT WOODVILLE                               | {Electric Lighting Works, Kensing-<br>ton Court, W.                   |
|                                      | 1869 May 11.}     |   |   |
|                                      | 1878 Mar. 21.}    | MILLER, THOMAS .. ..                                    | {Dock Commission and Harwich Har-<br>bour Conservancy Board, Ipswich. |
|                                      | 1885 Dec. 1.}     |   |   |
|                                      | 1899 Dec. 12.}    | *MILLER, THOMAS LODWICK ..                              | {7 Tower Buildings North, Water<br>Street, Liverpool.                 |
|                                      | 1901 Apr. 23.}    |   |   |
|                                      | 1898 Apr. 5.}     | MILLS, FREDERICK .. ..                                  | {Ebbw Vale Steel, Iron and Coal<br>Co., Ebbw Vale, Mon.               |
|                                      | 1891 May 12.}     |   |   |
|                                      | 1862 Apr. 1.}     | MILLS, GRANVILLE .. ..                                  | Burma Rys., Rangoon, Burma.   |
| t                                    | † {1862 Apr. 1.}  |   |   |
|                                      | 1862 Apr. 1.}     | MILLS, MANSFELDT HENRY ..                               | 65 Station Street, Nottingham.  |
|                                      | 1862 Apr. 1.}     |   |   |
|                                      | 1862 Apr. 1.}     | MILLS, WILLIAM HEMINGWAY ..                             | Nurney, Glenagarey, co. Dublin.                                       |
|                                      | 1862 Apr. 1.}     |   |   |



|       | Date of Election<br>and of Transfer. | MEMBERS.                              |  |
|-------|--------------------------------------|---------------------------------------|--|
|       | 1877 Dec. 4.}                        | *MILSOM, BOSWELL PARKINSON            | Grindlay, Groom & Co., Bombay.         |
|       | 1889 Nov. 5.}                        |                                       |  |
| T t ✦ | 1899 Dec. 5.}                        | MILTON, JAMES TAYLER.. ..             | {Lloyd's Register, 71 Fenchurch        |
|       | 1891 May 5.}                         | MIRRELES, WILLIAM JULIUS,}            | {Street, E.C.                          |
|       | 1895 May 14.}                        | B.Sc. ( <i>Glas.</i> ) .. .. .}       | {Tongaat, Natal.                       |
| m ✦   | 1889 Feb. 5.}                        | *MOIR, ERNEST WILLIAM.. ..            | {1 Cumberland Terrace, Regent's        |
|       | 1894 May 22.}                        |                                       | {Park, N.W.                            |
| ✦     | 1889 Dec. 3.                         | MOLESWORTH, HENRY BRIDGES             | 39 Victoria Street, S.W.               |
| W m ✦ | 1854 Mar. 7.}                        | (MOLESWORTH, <i>Sir</i> GUIL-         |  |
|       | 1862 Nov. 25.}                       | FORD LINDSEY, K.C.I.E. ( <i>Past-</i> | 39 Victoria Street, S.W.               |
|       |                                      | <i>President, Member of Council</i> ) |  |
|       | 1872 May 7.}                         | *MOLLETT, FREDERICK HERBERT           | {C. H. Walker & Co., 15 Great George   |
|       | 1887 May 24.}                        |                                       | {Street, S.W.                          |
|       | 1889 Feb. 5.}                        | MOLLISON, JAMES SMITH ..              | {District Engineer, Orange, New        |
|       | 1895 Apr. 9.}                        |                                       | {South Wales.                          |
|       | 1888 May 1.                          | MONCRIEFF, ALEXANDER BAIN             | Eng.-in-Chief, Adelaide, S. Australia. |
| t ✦   | 1890 May 6.}                         | MONCRIEFF, JOHN MITCHELL              | {Conssett Chambers, Pilgrim Street,    |
|       | 1897 Jan. 19.}                       |                                       | {Newcastle-on-Tyne. (P.O. 10.)         |
|       | 1887 May 24.                         | MONCRIEFF, JOSEPH COWAN BAIN          | Ry. Station, Adelaide, S. Australia.   |
| m ✦   | 1888 Feb. 7.}                        | *MONEY, ROBERT JARRATT ..             | S. Pearson & Son, Honda, Colombia.     |
|       | 1902 Feb. 11.}                       |                                       |  |
|       | 1875 Dec. 7.}                        | MONK, HUGH LEWIN .. ..                | H. S. King & Co., Pall Mall, S.W.      |
|       | 1890 Nov. 11.}                       |                                       |  |
| ✦     | 1894 May 22.}                        | MONKHOUSE, EDWARD WYND-               | {14 Old Queen Street, Westminster,     |
|       | 1899 Dec. 12.}                       | HAM, M.A. ( <i>Cantab.</i> ) .. ..    | {S.W.                                  |
|       | 1891 May 5.}                         | *MOORE, ARTHUR MEYRICK ..             | {G. Gilmour, 10 Savage Gardens,        |
|       | 1898 Nov. 29.}                       |                                       | {E.C.                                  |
|       | 1903 Mar. 3.                         | MOORE, GEORGE .. .. .                 | Railway, Manila, Philippines.          |
|       | 1880 Dec. 7.}                        | MOORE, GEORGE EDWARD ..               | Hobart, Tasmania.                      |
|       | 1884 Mar. 4.}                        |                                       |  |
|       | 1833 Dec. 4.}                        | *MOORE, RICHARD ST. GEORGE            | 17 Victoria Street, S.W.               |
|       | 1895 Apr. 2.}                        |                                       |  |
|       | 1887 Dec. 6.                         | MOORE, ROBERT .. .. .                 | Laclede Building, St. Louis, Mo., U.S. |
|       | 1867 Jan. 8.                         | MOORSOM, LEWIS HENRY ..               | 20 Cooper Street, Manchester.          |
|       | 1904 Jan. 12.                        | MORDEY, WILLIAM MORRIS ..             | 82 Victoria Street, S.W.               |
| ✦     | 1866 Dec. 4.}                        | MORE, CHARLES JAMES .. ..             | {Thames Conservancy, Victoria Em-      |
|       | 1879 Apr. 29.}                       |                                       | {bankment, E.C.                        |
| ✦     | 1886 Mar. 2.}                        | MORE, JAMES, JUN., F.R.S.E.           | {74 George Street, Edinburgh.          |
|       | 1896 Dec. 22.}                       |                                       | {(Theodolite, Edinburgh.)              |
| ✦     | 1881 Dec. 6.}                        | *MOREING, CHARLES ALGERNON            | {20 Copthall Avenue, E.C. (Bewick,     |
|       | 1888 Feb. 7.}                        |                                       | {London. London Wall 758.)             |
|       | 1869 May 4.                          | *MORELAND, RICHARD .. ..              | {4 Highbury Quadrant, N. (Expan-       |
|       |                                      |                                       | {sion, London.)                        |
|       | 1883 Jan. 9.}                        | MORGAN, CHARLES LANGBRIDGE            | {L. B. & S. C. Ry., London Bridge,     |
|       | 1889 Apr. 30.}                       |                                       | {S.E.                                  |
|       | 1892 Dec. 6.                         | MORGANS, THOMAS .. .. .               | 60 Queen Square, Bristol.              |
| ✦     | 1902 Jan. 14.                        | MORISON, JOHN .. .. .                 | {Cramlington House, Northumber-        |
|       |                                      |                                       | {land.                                 |
|       | 1892 May 24.                         | *MORLEY, GEORGE STREATFEILD           | {Sandecotes, Sea View Road, Park-      |
|       |                                      |                                       | {stone, Dorset.                        |
|       | 1897 Apr. 6.                         | MORLEY, HENRY .. .. .                 | Gasworks, Cardiff.                     |
|       | 1884 Dec. 2.}                        | MORRIS, DAVID .. .. .                 | c.o. H. S. King & Co., Pall Mall, S.W. |
|       | 1889 May 21.}                        |                                       |  |
|       | 1870 Feb. 1.}                        | MORRIS, FRANK .. .. .                 | {56 Fitz George Avenue, Kensington,    |
|       | 1878 Apr. 30.}                       |                                       | {W.                                    |
|       | 1881 May 31.                         | MORRIS, THOMAS BACON ..               | 48 Pembroke Road, Dublin.              |
| ✦     | 1870 Mar. 1.}                        | MORRIS, WILLIAM .. .. .               | Kent Waterworks, Deptford, S.E.        |
|       | 1877 Dec. 11.}                       |                                       |  |
|       | 1888 May 15.}                        | *MORRIS, WILLIAM ROBERT ..            | {15 Alexandra Mansions, West           |
|       | 1904 Mar. 29.}                       |                                       | {Hampstead, N.W.                       |
|       | 1904 Dec. 6.                         | MORRISON, WILLIAM MURRAY              | 9 Victoria Street, S.W.                |

| Date of Election<br>and of Transfer. |                                 | MEMBERS.   |  |
|--------------------------------------|---------------------------------|--|--|
| †                                    | {1887 May 24.<br>1900 Dec. 19.} | *MORSE, AMYAS .. .. .                                  | {c.o. H. S. King & Co., 65 Cornhill<br>E.C.                        |
|                                      | 1892 Mar. 1.                    | MORTON, DAVID HOME .. ..                               | 130 Bath Street, Glasgow.  |
|                                      | 1898 Mar. 1.                    |  |  |
|                                      | 1894 Dec. 4.                    | *MORTON, HUGH JAMES .. ..                              | {224 St. Vincent Street, Glasgow.<br>(National 1650 Argyle.)       |
|                                      | 1906 Jan. 9.                    |  |  |
| †                                    | 1872 Dec. 3.                    | MORTON, ROBERT .. .. .                                 | 27 Hamilton Terrace, N.W.  |
| m                                    | {1879 Feb. 4.<br>1888 May 15.}  | *MOSS-BLUNDELL, ARTHUR<br>SPENCE .. .. .               | Holmes House, Pontardawe, Glam.                                    |
|                                      | 1884 Dec. 2.                    | MOSTYN, ROBERT JOHN COUR-                              | Thames Conservancy, Victoria Em-                                   |
|                                      | 1890 Apr. 29.                   | TENAY .. .. .  | bankment, E.C.   |
|                                      | 1895 Mar. 5.                    | MOTT, BASIL .. .. .                                    | {2 Queen Square Place, Westminster,<br>S.W.                        |
| †                                    | 1885 May 5.                     | MOUNTAIN, ADRIEN CHARLES ..                            | City Surveyor, Melbourne, Victoria.                                |
| †                                    | {1880 Dec. 7.<br>1890 Nov. 11.} | *MOYLE, GEORGE .. .. .                                 | c.o. Alliance Bank of Simla, Calcutta.                             |
|                                      | 1871 Apr. 4.                    | MUIR, EDWIN .. .. .                                    | {21 Devonshire Street, Higher<br>Broughton, Manchester.            |
|                                      | 1877 Nov. 27.                   |  |  |
|                                      | 1896 Feb. 4.                    | MUIRHEAD, WILLIAM .. ..                                | {35 Queen Victoria Street, E.C.<br>(Amplitude, London. Bank 8504.) |
|                                      | 1904 Feb. 23.                   |  |  |
|                                      | 1892 May 3.                     | *MULLALY, JOSEPH JOHN ..                               | c.o. H. S. King & Co., Pall Mall, S.W.                             |
|                                      | 1888 Feb. 7.                    | {MULVANY, CHRISTOPHER JOHN,<br>B.A.I. (Dubl.) .. .. .} | County Surveyor's Office, Athlone,<br>Ireland.                     |
|                                      | 1885 May 19.                    |  |  |
|                                      | 1905 Dec. 19.                   | MUNCE, JAMES .. .. .                                   | City Surveyor's Office, Belfast.                                   |
|                                      | 1889 Dec. 3.                    |  |  |
|                                      | 1900 Feb. 20.                   | MURGATROYD, SAMUEL LEES ..                             | {G. C. Ry., Engineer's Office,<br>Marylebone, W.                   |
|                                      | 1871 Dec. 5.                    |  |  |
|                                      | 1899 Jan. 24.                   | MURPHY, PHILIP EDWARD ..                               | 132 Philip Lane, Tottenham.  |
|                                      | 1875 Dec. 7.                    |  |  |
|                                      | 1892 Nov. 1.                    | MURRAY, Hon. ALEXANDER ..                              | {Colonial Engineer and Surveyor-<br>General, Singapore, S.S.       |
|                                      |                                 |  | {c.o. Grindlay & Co., Parliament<br>Street, S.W.                   |
|                                      | 1891 Mar. 3.                    | MURRAY, FREDERICK CHARLES                              |  |
|                                      | 1904 Dec. 6.                    | MURRAY, STUART .. .. .                                 | Kyucton, Victoria, Australia.                                      |
|                                      | 1874 Dec. 1.                    | MURZBAN, MUNCHERJI COWASJI,                            |  |
|                                      | 1896 Jan. 28.                   | Khan Bahadur, C.I.E. .. ..                             | Gulestan, Murzban Road, Bombay.                                    |
|                                      | 1896 Dec. 1.                    |  |  |
|                                      | 1902 Apr. 22.                   | MUSKER, ARTHUR .. .. .                                 | Tuebrook, Liverpool.   |
|                                      | 1897 Dec. 7.                    | {MYLES, THOMAS JOSEPH,<br>B.A.I. (Dubl.) .. .. .}      | Midland Great Western Railway,<br>Athlone, Ireland.                |
|                                      |                                 |  |  |
|                                      | 1902 Jan. 14.                   | NAIRN, CHARLES CAMERON ..                              | State Railways, Hobart, Tasmania                                   |
|                                      | 1891 Mar. 3.                    |  |  |
|                                      | 1905 Apr. 11.                   | *NAPIER, ARCHIBALD SCOTT ..                            | King, King & Co., Bombay.  |
|                                      | 1888 Jan. 10.                   | NAPIER, Hon. EDWARD HER-                               |  |
|                                      | 1905 Jan. 21.                   | BERT S. .. .. .  | P.W.D., Lucknow, India.  |
| †                                    | 1898 Jan. 11.                   | NAPIER, ROBERT TWENTYMAN                               | 75 Bothwell Street, Glasgow.                                       |
| †                                    | {1847 Mar. 2.<br>1859 Mar. 8.}  | NEATE, CHARLES .. .. .                                 | {14 Victoria Street, S.W. (Trigonon,<br>London.)                   |
|                                      | 1894 May 22.                    |  |  |
|                                      | 1903 Dec. 22.                   | NEWBIGGING, JOHN GIBSON ..                             | Gas Department, Manchester.  |
|                                      | 1870 Apr. 5.                    |  |  |
|                                      | 1878 Apr. 30.                   | NEWBIGGING, THOMAS .. ..                               | Ardwell, Hale, Cheshire.   |
|                                      | 1882 Dec. 5.                    | NEWCOMBE, ALFRED CORNE-                                |  |
|                                      | 1896 Jan. 28.                   | LIUS .. .. .   | {c.o. H. S. King & Co., 65 Cornhill,<br>E.C.                       |
|                                      | 1889 Feb. 5.                    |  |  |
|                                      | 1898 Nov. 29.                   | *NEWELL, THOMAS MONK ..                                | Dock Office, Hull.   |
|                                      | 1879 May 6.                     |  |  |
|                                      | 1891 Nov. 9.                    | NEWHEY, JOSEPH .. .. .                                 | {Harborne, Draai Bosch, viâ Kei<br>Road Station, C.G.H.            |

| Date of Election<br>and of Transfer. |   | MEMBERS.  |   |
|--------------------------------------|---|---|---|
| 1894 May 22.                         | } | NEWINGTON, FRANK ALFRED ..  | 4 Osborne Terrace, Edinburgh.                                   |
| 1902 Dec. 2.                         |   |   |   |
| 1894 Feb. 6.                         |   | NEWTON, CHARLES BUTTER-   | } Whitehall Chambers, Carlisle.                                 |
| 1899 Dec. 12.                        | } | WORTH .. .. .   |   |
| 1894 Apr. 3.                         |   | NEWTON, CHARLES EDWARD ..   | 19 Cooper Street, Manchester.                                   |
| 1885 Dec. 1.                         | } | *NEWTON, WILLIAM GYLICH ..  | } P.W.D., Rangoon, Burma.                                       |
| 1897 Nov. 30.                        |   |   |   |
| 1873 Mar. 4.                         | } | NICHOLAS, CHARLES EDWARD ..   | } Ry. Dept., Sydney, N.S.W.                                     |
| 1880 Mar. 2.                         |   |   |   |
| 1886 Dec. 7.                         | } | NICHOLS, HARRY BERTRAM ..   | } 11 Victoria Street, S.W.                                      |
| 1902 Dec. 16.                        |   |   |   |
| t ✚ 1892 Feb. 2.                     | } | NICHOLS, OTHNIEL FOSTER ..  | } 42 Gates Avenue, Brooklyn, N.Y.,<br>U.S.                      |
| 1888 Apr. 10.                        |   | *NICHOLSON, GEORGE TAYLOR ..  | Table Bay Harbour, Cape Town, C.C.                              |
| 1902 Mar. 18.                        | } | NICHOLSON, JOHN RUMNEY ..   | } Tanjong Pagar Dock Co., Singa-<br>pore, S.S.                  |
| 1897 April 6.                        |   |   |   |
| 1903 Feb. 10.                        | } | NICOL, ROBERT GORDON ..   | } Harbour Engineer, Aberdeen.                                   |
| 1887 May 3.                          |   |   |   |
| 1899 Nov. 28.                        | } | NICOLLS, THOMAS JOHN FRANCIS,   | } Glasgow Joint Rys., 14 Bridge Street,<br>Glasgow.             |
| 1875 Dec. 7.                         |   | B.A. ( <i>Dubl.</i> ) .. .. .   |   |
| 1879 Mar. 25.                        | } | (NICOLSON, JOHN THOMAS,   | } Municipal Technical School, Prin-<br>cess Street, Manchester. |
|                                      |   | D.Sc. ( <i>Edin.</i> ) .. .. .  |   |
| W t ✚ 1899 Apr. 11.                  | } | NIVEN, THOMAS OGILVIE ..  | } 131 West Regent Street, Glasgow.                              |
| 1889 Dec. 3.                         |   |   |   |
| 1901 Feb. 5.                         | } | NOBLE, ALFRED .. .. .   | } 501 West 120th St., New York, U.S.                            |
|                                      |   |   |   |
| L 1881 Dec. 6.                       | } | NOBLE, Sir ANDREW, <i>Bart.</i> ,                                     | } Elswick Works, Newcastle-on-Tyne.<br>(Elswick, Newcastle. 8.) |
|                                      |   | Capt. R.A.ret, K.C.B., F.R.S.<br>( <i>Member of Council</i> ) .. .. . |   |
| 1898 Mar. 1.                         | } | NOBLE, SAXTON WILLIAM   | } 8 Great George Street, S.W.                                   |
| 1886 Dec. 7.                         |   | ARMSTRONG .. .. .   |   |
| 1888 Oct. 30.                        | } | NORMAN, CHARLES ERNEST ..   | } Ry. Dept., Melbourne, Victoria.                               |
| 1886 Apr. 6.                         |   |   |   |
| 1903 Dec. 22.                        | } | NORMAN, WALTER .. .. .  | } Hill Crescent, Dormans Park,<br>Surrey.                       |
| 1904 Dec. 6.                         |   | NORMAND, JACQUES AUGUSTIN   | 67 Rue du Perrey, Havre, France.                                |
| 1892 May 3.                          | } | *NORTH, MARJORIBANKS KEPPEL   | } Local Government Board, White-<br>hall, S.W.                  |
| 1901 Dec. 11.                        |   |   |   |
| 1877 Feb. 6.                         | } | NYSTRÖMER, CARL AUGUST  | } Avenida Alvear 324, Buenos Aires.                             |
| 1883 May 29.                         |   | BERNHARD .. .. .  |   |
| 1877 May 1.                          | } | OAK, WILLIAM PERCIVAL ..  | } Dawson Place Mansions, Pembridge<br>Square, W.                |
| 1892 Feb. 23.                        |   |   |   |
| 1902 Dec. 2.                         | } | OAKLEY, HARRY EKERMANS ..   | } Admiralty, Northumberland House,<br>W.C.                      |
| 1905 Dec. 19.                        |   |   |   |
| 1869 Jan. 9.                         | } | O'CALLAGHAN, Sir FRANCIS LANG-  | } Crichmere, Guildford.   |
| 1872 Apr. 23.                        |   | FORD, K.C.M.G., C.S.I., C.I.E.  |   |
| 1879 Apr. 1.                         | } | {ODLING, CHARLES WILLIAM,   | } Craignoon, Ridgway Gardens, Wim-<br>bledon, S.W.              |
|                                      |   | {C.S.I., M.E. ( <i>Queen's</i> ) .. .. .                              |   |
| 1900 Jan. 9.                         | } | O'DONNELL, JOHN PATRICK ..  | } Palace Chambers, Westminster, S.W.                            |
| 1900 Feb. 6.                         |   |   |   |
| 1905 Dec. 19.                        | } | OLDHAM, HUGH .. .. .  | } P.W.D., Perth, W. Australia.                                  |
|                                      |   |   |   |
| ✚ { 1879 Feb. 4.                     | } | OLIVE, WILLIAM THOMAS ..  | } 68 Shortmarket Street, Cape Town,<br>C.C.                     |
| 1891 Nov. 17.                        |   |   |   |
| 1889 Mar. 5.                         | } | OLIVER, CALDER EDKINS, M.C.E.   | } Board of Works, Melbourne, Vic-<br>toria.                     |
| 1897 Nov. 30.                        |   | ( <i>Melb.</i> ) .. .. .  |   |
| 1889 Dec. 3.                         | } | OLIVER, CHARLES DEANE,  | } Congested Districts Board, 23 Rut-<br>land Square, Dublin.    |
| 1901 Dec. 11.                        |   | B.A.I. ( <i>Dubl.</i> ) .. .. .                                       |   |
| 1878 Jan. 15.                        | } | OLIVER, HENRY .. .. .   | } 54 De Parys Avenue, Bedford.                                  |
| 1890 Nov. 25.                        |   |   |   |



|       | Date of Election<br>and of Transfer. | MEMBERS.   |   |
|-------|--------------------------------------|--|---|
|       | 1895 Apr. 2.                         | *OLLEY, CHARLES HENRY ..   | { Assistant Eng., Office of Works,<br>Dublin.     |
|       | 1901 Feb. 12.                        |  |   |
|       | 1884 Feb. 15.                        | *O'NEILL, WILLIAM PURCELL  | { M. G. W. Ry., Broadstone Station,<br>Dublin.    |
|       | 1900 Jan. 30.                        |  |   |
| W t ✕ | 1897 Dec. 7.                         | { ORAM, HENRY JOHN, C.B.,<br><i>Engineer Rear-Admiral</i> .. }         | { Meadowside, Thurleigh Road,<br>Balham, S.W.     |
|       | 1882 May 23.                         |  |   |
|       | 1890 Apr. 15.                        | *ORANGE, FRANCIS .. .. .   | 11 Gray's Inn Square, W.C.                        |
| ✕     | { 1882 May 23.<br>1890 Apr. 15. }    | *ORANGE, JAMES .. .. .   | Leigh & Orange, Hong Kong.                        |
| m     | 1896 Mar. 3.                         | { *ORCHARD, WILLIAM PATTERSON,<br>B.E. ( <i>Queen's</i> ) .. .. . }    | County Surveyor, Ballina, co. Mayo.               |
|       | 1873 May 20.                         |  |   |
|       | 1879 Nov. 4.                         | ORMISTON, GEORGE EDWARD ..   | 9 Melbury Road, Kensington, W.                    |
|       | 1904 Jan. 12.                        | ORMSBY, CHARLES CROASDAILE   | Wood Quay House, Galway.                          |
|       | 1906 Mar. 6.                         | ORMSBY, OSWALD CHRISTIAN ..  | 4 Tudor Park, Hollywood, Co. Down.                |
|       | 1891 Apr. 7.                         |  |   |
|       | 1900 Apr. 3.                         | OSBORN, FRANK CHITTENDEN   | { Osborn Building, Cleveland, Ohio,<br>U.S.       |
|       | 1882 Jan. 10.                        |  |   |
|       | 1885 Feb. 10.                        | OSBORNE, JAMES .. .. .   | 5 Dean Terrace, Liskeard, Cornwall.               |
|       | 1865 Apr. 4.                         | OSBURN, HENRY .. .. .  | { 21 Cedars Road, Clapham Common,<br>S.W.         |
|       | 1894 Dec. 4.                         | O'SHAUGHNESSY, JAMES EDWARD  | Bangalore, India.                                 |
|       | 1891 May 5.                          |  |   |
|       | 1904 Feb. 16.                        | OSMAN, CHARLES WILLIAM ..  | { S.E. & C. Ry., New Cross Station,<br>S.E.       |
| t ✕   | { 1892 Dec. 6.<br>1901 Dec. 17. }    | *OSWELL, FRANK, B.A. ( <i>Oxon.</i> )                                  | F. C. Sud, Bahia Blanca, Argentine.               |
|       | 1905 Jan. 10.                        | { OTTLEY, Sir JOHN WALTER,<br>K.C.I.E., Col. R.E. ( <i>ret.</i> ) .. } | Coopers Hill, Englefield Green,<br>Surrey.        |
|       | 1883 Feb. 6.                         | OTWAY, JAMES, B.A. ( <i>Dubl.</i> ) ..                                 | G. S. & W. Ry., Inchicore, Dublin.                |
|       | 1874 Jan. 13.                        |  |   |
|       | 1882 Mar. 28.                        | OWEN, WILLIAM LANCASTER ..   | 26 Cornwall Gardens, S.W.                         |
| ✕     | { 1896 Dec. 1.<br>1902 Dec. 2. }     | OWLES, ARTHUR HATSELL ..   | Admiralty Harbour Works, Dover.                   |
|       | 1887 Apr. 5.                         |  |   |
|       | 1903 Apr. 7.                         | *OXTOBY, WILLIAM .. .. .   | Borough Engineer, Camberwell, S.E.                |
|       | 1877 May 29.                         |  |   |
|       | 1881 May 24.                         | PACKMAN, JONATHAN .. .. .  | { Haling House, Waddon Road, Croy-<br>don.        |
|       | 1891 Dec. 1.                         |  |   |
|       | 1899 Nov. 28.                        | *PADDON, ARTHUR MATTHEWS   | 38 Victoria Street, S.W.                          |
| ✕     | { 1861 Dec. 3.<br>1871 Nov. 21. }    | PADDON, JOHN BIRCH .. .. .   | Drymna, Neath, Glamorgan.                         |
| m     | { 1875 Feb. 2.<br>1891 May 12. }     | *PAGE, GEORGE EDWARD .. ..   | 4 Inverness Place, W.                             |
| ✕     | { 1870 Feb. 1.<br>1877 May 8. }      | PAIN, ARTHUR CADLICK .. ..   | 17 Victoria Street, S.W.                          |
|       | 1884 Dec. 2.                         | PALLISER, HARRY GEORGE ..  | Holmwood, Addlestone, Surrey.                     |
|       | 1887 Apr. 5.                         | PALMER, CHARLES GEORGE, C.I.E.   | { Allyn Lodge, Allyn Road, West<br>Dulwich, S.E.  |
| T ✕   | { 1884 Dec. 2.<br>1899 Nov. 28. }    | *PALMER, CHARLES STUART<br>RUSSELL .. .. .                             | 15 Victoria Street, S.W. (West-<br>minster, 353.) |
|       | 1890 Apr. 1.                         |  |   |
|       | 1898 Nov. 29.                        | PALMER, FREDERICK .. .. .  | Port Commissioners' Office, Calcutta.             |
|       | 1870 Dec. 6.                         |  |   |
|       | 1879 Nov. 11.                        | PALMER, GEORGE .. .. .   | Suiryale, Cahir, co. Tipperary.                   |
|       | 1884 May 6.                          |  |   |
|       | 1897 Nov. 30.                        | PALMER, PHILIP HENRY .. ..   | Boro' Engineer, Hastings.                         |
|       | 1884 Feb. 5.                         | PARKER, CHARLES DONALD   |   |
|       | 1896 May 19.                         | NAPIER .. .. .   | Dock Works, Leith, N.B.                           |



|       | Date of Election<br>and of Transfer. | MEMBERS.                                     |  |
|-------|--------------------------------------|--|--|
| S t   | 1890 Dec. 2.                         | *PARKER, JAMES ALEXANDER,                    | {S.E. & C. Ry., Engineer's Dept.,  |
|       | 1904 Mar. 29.                        | B.Sc. ( <i>Glas.</i> ) .. .. .               | { London Bridge, S.E.  |
|       | 1886 Mar. 2.                         | PARKER, JOHN DUNLOP .. ..                    | { 146 West Regent Street, Glasgow.   |
|       | 1889 Dec. 3.                         | PARKER, THOMAS .. .. .                       | { 1b Chapel Street, Edgware Road, W.   |
|       | 1882 Mar. 7.                         | PARKES, BENJAMIN,                            | { Avonmore, Castletown, Isle of Man.   |
|       | 1891 May 12.                         | M.E. ( <i>Queen's</i> ), F.C.H. ..           |  |
|       | 1880 Dec. 7.                         | *PARKES, CHARLES REGINALD ..                 |  |
|       | 1891 Nov. 3.                         |  | { 11 Tregunter Road, S.W.  |
|       | 1884 Apr. 1.                         | PARKINSON, HENRY WATER-                      | { Ry. Dept., Brisbane, Queensland.   |
|       | 1905 Jan. 24.                        | WORTH .. .. .                                |  |
| C     | 1900 Jan. 9.                         | {PARRINGTON, MATTHEW WIL-                    | { Hill House, Monkwearmouth.   |
|       |                                      | LIAM .. .. .                                 |  |
|       | 1875 May 4.                          | *PARRY, EDWARD .. .. .                       | { 28 Park Row, Nottingham.   |
|       | 1879 Mar. 4.                         |  | { Municipal Offices, Liverpool.  |
|       | 1875 Mar. 2.                         | PARRY, JOSEPH .. .. .                        |  |
|       | 1887 Feb. 8.                         |  |  |
|       | 1887 Dec. 6.                         | PARRY, WALTER .. .. .                        | { Waterworks, Cawnpore, India.   |
|       | 1895 Oct. 22.                        |  | { Salisbury House, London Wall, E.O.   |
|       | 1895 Mar. 5.                         | PARSHALL, HORACE FIELD ..                    |  |
|       | 1896 Nov. 24.                        |  | { (Abcissa, London. London Wall,<br>301.)  |
| M T m | 1881 May 31.                         | *PARSONS, <i>Hon.</i> CHARLES                | { Holeyn Hall, Wylam-on-Tyne.  |
|       | 1892 Dec. 13.                        | ALGERNON, C.B., M.A.                         |  |
|       |                                      | ( <i>Cantab.</i> ), D.Sc. ( <i>Durham</i> ). |  |
|       |                                      | LL.D. ( <i>Glasgow</i> ), F.R.S.             |  |
|       |                                      | ( <i>Member of Council</i> ) .. ..           | { 39 Victoria Street, S.W.   |
|       | 1876 May 30.                         | *PARSONS, <i>Hon.</i> RICHARD                |  |
|       | 1883 May 8.                          | CLERE, M.A. ( <i>Dubl.</i> ) .. ..           | { 22 William Street, New York, U.S.  |
|       | 1892 Dec. 6.                         | PARSONS, WILLIAM BARCLAY ..                  |  |
|       | 1894 May 22.                         | PARTRIDGE, GERALD WILLIAM                    | { 25a Cockspur Street, S.W.  |
|       | 1901 Apr. 16.                        |  | { 5 Laurence Pountney Hill, E.C.   |
| +     | 1869 May 4.                          | PASSMORE, FRANK BAILEY ..                    |  |
|       | 1879 Feb. 4.                         |  | { (Knarf, London.)   |
|       | 1867 May 21.                         | PASSOS, FRANCISCO PEREIRA ..                 | { Larangeiras 123, Rio de Janeiro.   |
|       | 1889 Mar. 5.                         | PATCHELL, WILLIAM HENRY ..                   | { 60 St. Martin's Lane, W.C. (Gerrard,<br>2807.)                                   |
|       | 1898 Dec. 20.                        |  |  |
|       | 1876 Feb. 1.                         | PATERSON, MALCOLM McCUL-                     | { 35 Manor Row, Bradford.  |
|       | 1885 May 5.                          | LOCH .. .. .                                 |  |
|       | 1852 Feb. 3.                         | PATERSON, PETER .. .. .                      | { Hospital Road, Addington, Durban,  |
|       | 1871 Dec. 19.                        |  | { Natal.   |
|       | 1881 Dec. 6.                         | PATERSON, THOMAS ORMISTON                    | { Gasworks, Birkenhead. (Paterson,   |
|       | 1893 Nov. 7.                         |  | { Birkenhead.)   |
| +     | 1895 Apr. 2.                         | PATERSON, WILLIAM ALEX-                      | { Eng.'s Office, Caledonian Ry.,   |
|       | 1897 Dec. 7.                         | ANDER .. .. .                                |  |
|       |                                      |  | { Edinburgh.   |
|       | 1877 May 1.                          | PATTERSON, ROBERT CHARLES                    | { Varuna, Hobart, Tasmania.  |
|       | 1883 May 1.                          | *PAWLEY, RICHARD .. .. .                     | { Hull & Barnsley Ry., 9 Charlotte<br>Street, Hull.                                |
|       | 1889 Jan. 15.                        |  |  |
|       | 1875 May 4.                          | PAXMAN, JAMES NOAH .. ..                     | { Davey, Paxman & Co., Standard<br>Ironworks, Colchester. (Paxman,<br>Colchester.) |
|       | 1896 Dec. 15.                        |  |  |
|       | 1887 Apr. 5.                         | PEACE, GEORGE HENRY .. ..                    | { Monton Grange, Eccles, Manches-  |
|       | 1889 Dec. 17.                        |  | { ter.   |
| +     | 1880 May 4.                          | PEACHE, JAMES COURTHOPE ..                   | { Willans & Robinson, Victoria Works,  |
|       | 1899 Nov. 28.                        |  |  |
|       |                                      |  | { Rugby.   |
|       | 1884 Mar. 4.                         | PEACOCK, RALPH .. .. .                       | { Avon Castle, Ringwood, Hants.  |
|       | 1891 Jan. 13.                        | *PEAKE, ROBERT EDWARD ..                     | { 4 Great Winchester Street, E.C.  |
|       | 1899 Jan. 17.                        |  |  |
|       | 1890 Dec. 2.                         | *PEARCE, ALFRED .. .. .                      | { Avonmouth Docks, Bristol.  |
|       | 1900 Feb. 20.                        |  | { Boston Spa, Yorkshire.   |
|       | 1861 Apr. 9.                         | PEARCE, JOHN CHARLES .. ..                   |  |
|       | 1871 Apr. 4.                         | *PEARSALL, HOWARD DEVENISH                   | { Garden City, Letchworth, Herts.  |
|       | 1897 Feb. 2.                         |  |  |

| Date of Election<br>and of Transfer. |  | MEMBERS. |   |
|--------------------------------------|--|----------|---|
| 1897 Apr. 6.                         | PEARSON, FRED STARK .. ..  | {        | Columbia Building (Room 220), 29 Broadway, New York, U.S.             |
| 1904 Feb. 2.}                        | PEET, HASTINGS FITZEDWARD  | {        | City Engineer, Bloemfontein, O.R.C.                                   |
| 1905 Feb. 14.}                       |  |          |   |
| 1889 Feb. 5.}                        | *PEIRCE, ROBERT .. ..  | {        | Municipal Offices, Singapore.   |
| 1900 Jan. 23.}                       |  |          |   |
| t ✕ {1885 Feb. 3.}                   | *PENNY, EDMUND, C.I.E... ..  | {        | 1 Helena Road, Ealing, W.   |
| 1891 Jan. 13.}                       |  |          |   |
| 1892 Dec. 6.                         | PENNY, LOUIS .. ..   | {        | The Cedars, East Grinstead.   |
| ✕ {1874 Jan. 13.}                    | *PERRAM, GEORGE JAMES, C.I.E.  | {        | Hyderabad, Deccan, India.   |
| 1885 Feb. 24.}                       |  |          |   |
| 1904 Dec. 6.                         | PERRETT, JOSIAH RICHARD ..   | {        | Beaconsfield, Carbridge-on-Tyne.                                      |
| 1895 Dec. 3.                         | PERRIN, CHARLES .. ..  | {        | 12 Cadogan Court, S.W.  |
| 1886 Dec. 7.                         | PERRY, CHARLES EDWARD ..   | {        | Trans-Continental Railway, Ottawa, Canada.                            |
| 1892 Dec. 6.                         | PERRY, JAMES, M.E. ( <i>Queen's</i> )  | {        | County Surveyor, Galway.  |
| 1898 Dec. 6.                         | {PERRY, WILLIAM RICHARD<br>VICTOR PRITTIE, B.A., M.A.I.<br>( <i>Dubl.</i> ) .. .. .} | {        | G. S. & W. Ry., Limerick.   |
| 1906 Apr. 3.                         |  |          |   |
| 1888 Apr. 10.                        | PETERS, CHARLES JASPER ..  | {        | [Surrey.<br>Chilgrow, Skinners Lane, Ashtead,                         |
| 1874 Dec. 1.                         | PETERSON, PETER ALEXANDER  | {        | Guelph & Goderich Ry., Goderich, Ont., Canada.                        |
| S t ✕ {1884 Feb. 5.}                 | *PETTIGREW, WILLIAM FRANK ..   | {        | Friars Dene, Abbey Road, Barrow-in-Furness. [U.S.                     |
| 1894 Jan. 16.}                       |  |          |   |
| 1890 Apr. 1.                         | PEW, ARTHUR .. ..  | {        | 619-620 Temple Court, Atlanta, Ga.,                                   |
| 1890 Mar. 4.                         | {PHELAN, ALFRED BERNARD,<br>B.A. ( <i>Dubl.</i> ) .. .. .}                           | {        | 22 Chichele Road, Cricklewood, N.W.                                   |
| 1873 Feb. 4.}                        |  |          |   |
| 1883 Apr. 24.}                       | PHILLIPS, ARTHUR FREDERICK   | {        | {38 Parliament Street, S.W. (Um-<br>berto, London.)                   |
| 1892 Dec. 6.                         |  |          |   |
| 1891 Dec. 1.                         | PHIPPS, CHRISTOPHER EDWARD   | {        | 13 Kenilworth Road, Ealing, W.  |
| 1905 Jan. 24.}                       | *PICKERING, JOSEPH SPIERS ..   | {        | Municipal Offices, Cheltenham.  |
| 1891 Feb. 3.}                        |  |          |   |
| 1899 Apr. 18.}                       | PIDGEON, JOHN .. ..  | {        | {Railway Dept., Coolgardie, Western<br>Australia.                     |
| 1895 Dec. 3.}                        |  |          |   |
| 1899 Nov. 28.}                       | PILKINGTON, HERBERT .. ..  | {        | Sheepbridge Ironworks, Chesterfield.                                  |
| ✕ 1865 May 23.                       |  |          |   |
| 1892 Dec. 6.                         | {PIRRIE, Rt. Hon. WILLIAM<br>JAMES, P.C., LL.D. ( <i>Royal</i> )}                    | {        | Brooklands Cottage, Blackheath Park, S.E.<br>Queen's Island, Belfast. |
| t ✕ {1877 Dec. 4.}                   |  |          |   |
| 1885 Dec. 8.}                        | PITT, WALTER .. ..   | {        | Newark Foundry, Bath.   |
| 1888 May 15.                         | PLATT, JOHN .. ..  | {        | Hynning, Carnforth.   |
| 1882 Mar. 7.}                        | *PLATT, SAMUEL SYDNEY ..   | {        | Borough Engineer, Rochdale. (165)                                     |
| 1897 Mar. 2.}                        |  |          |   |
| 1884 Dec. 2.                         | PLATTS, JOHN JOSEPH .. ..  | {        | Hyndford House, Inglemere Road, Forest Hill, S.E.                     |
| 1896 Dec. 1.}                        | PLEDGE, MARTYN FENWICK DE  | {        | Nitrate Railway, Iquique, Chili.                                      |
| 1902 Dec. 16.}                       |  |          |   |
| 1891 Dec. 1.}                        | POGSON, ALFRED LEE .. ..   | {        | Admiralty New Breakwaters, Malta.                                     |
| 1895 Jan. 22.}                       |  |          |   |
| 1879 Mar. 6.                         | *POLLARD, JOHN .. ..   | {        | 31 Old Queen Street, Westminster, S.W. (Piezometer, London.)          |
| 1895 Feb. 12.}                       |  |          |   |
| 1885 Feb. 3.}                        | *POLLARD-URQUHART, MONTAGU   | {        | 29 St. Andrew Square, Edinburgh.                                      |
| 1894 Feb. 20.}                       |  |          |   |
| 1894 May 22.}                        | ALEXIS .. ..   | {        | (Meik, Edinburgh.)  |
| 1899 Jan. 17.}                       | POLLITT, HARRY .. ..   | {        | Fernlea, Bowdon, Cheshire.  |
| 1865 May 23.}                        | PONTIFEX, EDMUND ALFRED ..   | {        | 6 Cadogan Court Gardens, Cadogan Place, S.W.                          |
| 1889 Apr. 30.}                       |  |          |   |
| 1882 Dec. 5.}                        | POPKISS, RICHARD .. ..   | {        | Langley House, Langley Avenue, Surbiton.                              |
| 1903 Dec. 22.}                       |  |          |   |
| 1900 Jan. 9.                         | PORTER, JOHN BONSALE .. ..   | {        | McGill University, Montreal.  |
| 1891 May 5.}                         | POTT, ARTHUR HENRY .. ..   | {        | 69 Victoria Road, Kensington, W.                                      |
| 1904 Dec. 13.}                       |  |          |   |

| Date of Election<br>and of Transfer. |                  | MEMBERS.   |   |
|--------------------------------------|------------------|--|---|
| ✠                                    | 1877 Dec. 4.     | POTTER, WILLIAM FURNISS ..   | 16 Park Row, Leeds.   |
|                                      | 1888 Dec. 4.     | POWELL, ARTHUR .. .. .   | { 10 Orchard Street, College Green,<br>Bristol.                           |
|                                      | 1905 Jan. 21.    |  |   |
| ✠                                    | 1878 Feb. 5.     | { *POWNALL, CHARLES ASSHETON<br>WHATELY .. .. . }  |   |
| T t                                  | ✠ { 1894 Jan. 9. | *PREECE, ARTHUR HENRY ..   | 8 Queen Anne's Gate, S.W.   |
|                                      | 1904 Feb. 16.    |  |   |
| T t                                  | ✠ { 1859 May 24. | { PREECE, Sir WILLIAM HENRY,<br>K.C.B., F.R.S. ( <i>Past-Presi-</i><br><i>dent</i> ) .. .. . } | { Gothic Lodge, Wimbledon, S.W.<br>(Westminster 420 and Wimbledon<br>18.) |
| L F                                  | ✠ { 1871 Dec. 5. |  |   |
| ✠                                    | { 1888 Dec. 4.   | PRESOTT, HARRY ERNEST,   | 44 Kensington Square, W.  |
|                                      | { 1902 Feb. 11.  |  |   |
|                                      | 1899 Feb. 7.     | PREST, JOHN JOSEPH .. ..   | { Hardwick Hall, Castle Eden, Dur-<br>ham.                                |
| m                                    | { 1879 May 27.   | *PRESTON, ALFRED ELEY ..   | 34 Essex Street, Strand, W.C.   |
|                                      | 1889 May 21.     |  |   |
| ✠                                    | { 1891 Mar. 3.   | PRESTON, FRANCIS JOHN .. ..  | Royal Bombay Yacht Club, Bombay.  |
|                                      | 1898 Jan. 25.    |  |   |
|                                      | 1885 Feb. 3.     | PRICE, ALFRED DICKINSON,   | { 12 Temple Villas, Palmerston<br>Road, Dublin.                           |
|                                      | 1893 Dec. 12.    |  |   |
| t                                    | ✠ { 1888 Dec. 4. | PRICE, JAMES, B.A.I. ( <i>Dubl.</i> ) ..   | Harbour Office, Lapp's Quay, Cork.  |
|                                      | 1891 Apr. 7.     |  |   |
|                                      | 1906 Apr. 10.    | *PRICE-WILLIAMS, JOHN MORGAN   | { Tees Valley Water Board, Grass-<br>holme, Mickleton, Darlington.        |
| T t                                  | ✠ { 1861 Apr. 9. | PRICE-WILLIAMS, RICHARD ..   | { 6 Queen Anne's Gate, Westminster,<br>S.W. (Spandrel, London.)           |
| W S                                  |                  |  |   |
|                                      | 1889 Dec. 3.     | *PRICE - WILLIAMS, SEYMOUR   | { James Mansergh & Sons, 5  |
|                                      | 1903 Dec. 22.    | WILLIAM .. .. .  | Victoria Street, S.W.   |
|                                      | 1889 Dec. 3.     | PRIDHAM, THEODORE .. ..  | P.W.D., Sydney, N.S.W.  |
|                                      | 1905 Jan. 31.    |  |   |
|                                      | 1886 Feb. 2.     | *PRIEST, FRANK EDWARD ..   | { 13 Harrington Street, Liverpool.<br>(6889.)                             |
|                                      | 1896 Dec. 15.    |  |   |
|                                      | 1886 Mar. 2.     | PRIESTLEY, CHARLES HENRY ..  | Waterworks Engineer, Cardiff.   |
|                                      | 1902 Apr. 15.    |  |   |
|                                      | 1904 Feb. 2.     | PRINGLE, ALBERT JAMES ..   | 160 Hope Street, Glasgow.   |
|                                      | 1890 May 6.      | *PRITCHARD, THOMAS .. ..   | { 264 Gresham House, Old Broad<br>Street, E.C.                            |
|                                      | 1904 Apr. 12.    |  |   |
|                                      | 1877 May 29.     | PROCTOR, JONAS .. .. .   | Mere Lawn, Bolton.  |
|                                      | 1889 Dec. 3.     | *PROUSE, ARTHUR DUNCAN ..  | Harbour Works, Colombo, Ceylon.   |
|                                      | 1902 Apr. 29.    |  |   |
|                                      | 1886 Jan. 12.    | PRYCE, HENRY JAMES .. ..   | { 54 Filey Avenue, Stoke Newington,<br>N.                                 |
|                                      | 1898 Apr. 5.     |  |   |
|                                      | 1896 Dec. 1.     | *PRYDE, JOHN .. .. .   | { Fairview, Mountfield Road, Church<br>End, Finchley, N.                  |
|                                      | 1902 Dec. 16.    |  |   |
|                                      | 1883 Jan. 9.     | *PURDON, HENRY ATWELL ..   | { 14 Artillery Mansions, Victoria<br>Street, S.W.                         |
|                                      | 1890 May 20.     |  |   |
|                                      | 1906 Feb. 6.     | PURDY, CORYDON TYLER ..  | 78, Fifth Avenue, New York.   |
|                                      | 1860 Feb. 7.     | PURSER, EDWARD .. .. .   | Ottoman Railway, Smyrna.  |
|                                      | 1906 Feb. 6.     | PURVIS, FRANK PRIOR .. ..  | Imperial University, Tokio, Japan.  |
|                                      | 1885 Apr. 14.    | *PUTTEN, ERNEST VAN .. ..  | Town Hall, Catford, S.E.  |
|                                      | 1905 Feb. 28.    |  |   |
|                                      | 1898 Dec. 6.     | { PYNE, Sir THOMAS SALTER, }<br>C.S.I. .. .. .   | c.o. G. Allan & Co., Broad Street<br>Place, E.C.                          |
|                                      |                  |  |   |
|                                      | 1873 Feb. 4.     | QUELCH, ROBERT JAMES ..  | 66 Bromfelde Road, Clapham, S.W.  |
|                                      | 1879 Jan. 7.     |  |   |
|                                      | 1870 Dec. 6.     | QUICK, JOSEPH .. .. .  | 1 Great George Street, S.W.   |
|                                      | 1875 Dec. 7.     | QUIGLY, RICHARD, M.A. ( <i>Dubl.</i> )   |   |
|                                      | 1882 Mar. 28.    |  |   |
| E                                    | ✠ { 1870 Feb. 1. | QUINETTE DE ROCHEMONT, }<br>Baron EMILE THEODORE ..  | Rue de Marignan 18, Paris.  |
|                                      | { 1883 May 22.   |  |   |



| Date of Election<br>and of Transfer. |                 | MEMBERS.                                    |  |
|--------------------------------------|-----------------|---|--|
|                                      | 1863 Mar. 3.    | RADFORD, GEORGE KENT ..                     | 2312 Warring St., Berkeley, Cal., U.S. |
|                                      | 1891 Mar. 3.    |   | { Keppel House, Aberavon, Port         |
|                                      | 1904 Mar. 22.   | *RAILTON, ALAN .. ..                        | { Talbot, S. Wales. [W.                |
| t ✦                                  | 1876 Apr. 4.    | RAMSAY, JAMES .. ..                         | Listoke, St. Stephen's Road, Ealing,   |
|                                      | 1881 Apr. 5.    | RAMSDEN, JOHN .. ..                         | Dane Croft, Holmes Chapel.             |
|                                      | 1884 Apr. 1.    |   | { Obras del Puerto, Concordia, Entre   |
|                                      | 1905 Jan. 24.   | *RANKIN, GEORGE .. ..                       | { Rios, Argentina.                     |
|                                      | 1864 Mar. 1.    |   | {                                      |
|                                      | 1877 May 29.    | RANSOME, ALLEN .. ..                        | 1 James Street, Lincoln.               |
|                                      | 1886 Jan. 12.   |   | {                                      |
|                                      | 1898 Nov. 29.   | *RANSOME, JAMES STAFFORD ..                 | { 16 Carlisle Mansions, Westminster,   |
|                                      | 1894 May 22.    |   | { S.W.                                 |
|                                      | 1905 Apr. 11.   | RANSOME, JOHN WILMER ..                     | { Orwell Lodge, Lordship Terrace,      |
|                                      |                 |   | { Stoke Newington, N.                  |
| m ✦                                  | { 1888 May 15.  | *RANSOME, LEWIS HENRY .. ..                 | Farndon, Newark-on-Trent.              |
|                                      | { 1897 Nov. 30. |   |  |
|                                      | 1886 Jan. 12.   |   | {                                      |
|                                      | 1905 Apr. 4.    | RATTRAY, DAVID CAMPBELL                     | { L. & Y. Ry., Engineer's Office,      |
|                                      |                 |   | { Manchester.                          |
|                                      | 1895 Jan. 8.    | RAWORTH, JOHN SMITH .. ..                   | { 46 Christchurch Road, Streatham      |
|                                      |                 |   | { Hill, S.W.                           |
|                                      | 1890 May 4.     |   | {                                      |
|                                      | 1901 Dec. 11.   | *RAYNES, THOMAS .. ..                       | { Waterworks, Johannesburg, Trans-     |
|                                      |                 |   | { vaal.                                |
|                                      | 1891 Feb. 3.    | REA, SAMUEL .. ..                           | { Pennsylvania Rlrd., Broad Street     |
|                                      |                 |   | { Station, Philadelphia, Pa., U.S.     |
|                                      | 1887 May 24.    | REAY, THOMAS PURVIS ..                      | Airedale Foundry, Leeds.               |
|                                      | 1873 Dec. 2.    |   | {                                      |
|                                      | 1885 Dec. 1.    | REE, HENRY STRUTT COLLETTE                  | { New Dock Works, Cardiff Ry.,         |
|                                      |                 |   | { Cardiff.                             |
| L                                    | 1870 Mar. 1.    | { REED, Sir EDWARD JAMES,                   | Broadway Chambers, Westminster,        |
|                                      |                 | { K.C.B., F.R.S., M.P. ( <i>for-</i>        | S.W. (Carnage, London.)                |
|                                      |                 | <i>mer Member of Council.</i> ) ..          |  |
| ✦                                    | { 1891 Dec. 1.  | *REED, HENRY ASHMAN .. ..                   | { H.M. Dockyard Extension, Gib-        |
|                                      | { 1902 Feb. 11. |   | { raltar.                              |
|                                      | 1885 Dec. 1.    | REES, ITHIEL TREHARNE .. ..                 | { Guildhall Chambers, Cardiff.         |
|                                      |                 |   | { (Mining, Cardiff.)                   |
|                                      | 1905 Apr. 4.    | REES, ROBERT THOMAS .. ..                   | Glandare, Aberdare.                    |
|                                      | 1879 Feb. 4.    |   | {                                      |
|                                      | 1886 May 11.    | REES, TOGARMAH .. ..                        | { Corn Exchange Chambers, Newport,     |
|                                      |                 |   | { Mon.                                 |
|                                      | 1887 Dec. 6.    |   | {                                      |
|                                      | 1903 Jan. 13.   | REEVE, HENRY, C.M.G. .. ..                  | { Col. Hellan, Ordnance Survey         |
|                                      |                 |   | { Office, Southampton.                 |
|                                      | 1876 Jan. 11.   |   | {                                      |
|                                      | 1880 Apr. 13.   | REICHENBACH, OSCAR .. ..                    | The Hollics, Crawley, Sussex.          |
|                                      | 1904 Dec. 6.    | REID, ANDREW THOMSON ..                     | { Hyde Park Locomotive Works,          |
|                                      |                 |   | { Glasgow.                             |
|                                      | 1868 Apr. 7.    | REID, GEORGE LOWE .. ..                     | 33 Montpellier Crescent, Brighton.     |
|                                      | 1901 Mar. 5.    | REID, HERBERT CARTWRIGHT                    | { Superintending Civil Engineer,       |
|                                      |                 |   | { H.M. Dockyard, Malta.                |
|                                      | 1897 Jan. 12.   | REID, HUGH .. ..                            | { Neilson, Reid & Co., Hyde Park       |
|                                      |                 |   | { Locomotive Works, Glasgow.           |
|                                      | 1886 Mar. 2.    |   | {                                      |
|                                      | 1895 Oct. 22.   | *REID, KENNETH .. ..                        | { 25 Philbeach Gardens, Earl's Court,  |
|                                      |                 |   | { S.W.                                 |
|                                      | 1893 Dec. 5.    |   | {                                      |
|                                      | 1906 Apr. 24.   | *REID, ROBERT NEWBY HARTLEY                 | { c.o. H. S. King & Co., 9 Pall Mall,  |
|                                      |                 |   | { S.W.                                 |
|                                      | 1862 May 6.     | { RENDEL, Sir ALEXANDER                     |  |
|                                      |                 | { MEADOWS, K.C.I.E., M.A.                   | 8 Grent George Street, S.W. (Suk-      |
|                                      |                 | { ( <i>Cantab.</i> ) ( <i>former Member</i> | kur, London.)                          |
|                                      |                 | <i>of Council</i> ) .. ..                   |  |
|                                      | 1888 Dec. 4.    | RENDELL, ALAN WOOD .. ..                    | 82 York Road, King's Cross, N.         |
| t ✦                                  | { 1857 Mar. 3.  | RENNIE, GEORGE BANKS .. ..                  | 20 Lowndes Street, S.W.                |
|                                      | { 1860 Mar. 6.  |   |  |
|                                      | 1886 Apr. 6.    | *RENTON, ALEXANDER CRAIG,                   | { F. C. del Sud, Plaza Constitucion,   |
|                                      | 1902 Dec. 16.   | B.Sc. ( <i>Edin.</i> ) .. ..                | { Buenos Ayres.                        |
| ✦                                    | 1886 May 18.    | RESTLER, JAMES WILLIAM ..                   | { Southwark & Vauxhall District,       |
|                                      |                 |   | { Met. Water Board, Southwark          |
|                                      |                 |   | { Bridge Road, S.E.                    |



|       |  | Date of Election<br>and of Transfer. | MEMBERS.  |   |
|-------|--|--------------------------------------|---|---|
|       |  | 1887 Dec. 6.}                        | REUNERT, THEODORE .. ..   | Box 92, Johannesburg. Transvaal.                            |
|       |  | 1899 Feb. 7.}                        |   |   |
|       |  | 1879 May 6.}                         |   |   |
|       |  | 1892 Nov. 22.}                       |   |   |
| L t ✕ |  | 1883 Dec. 4.}                        | *REYNOLDS, GEORGE BERNARD { Grindlay & Co., Parliament Street,<br>S.W.                                      |   |
|       |  |                                      | { REYNOLDS, <i>Professor</i> OSBORNE,<br>M.A. ( <i>Cantab.</i> ), LL.D.<br>( <i>Glas.</i> ), F.R.S. .. .. } |   |
|       |  | 1875 Dec. 7.}                        | REYNOLDS, PLAYFORD .. ..  | Bryncam, The Park, Cheltenham.                              |
|       |  | 1883 Nov. 6.}                        |   |   |
|       |  | 1890 May 6.}                         | RHODES, CHARLES EDWARD ..   | Aldwarke Main Colliery, Rotherham.                          |
|       |  | 1887 Dec. 6.}                        | RHODES, JOHN HENRY HORACE}  | Highfield, Beeston Royd, Leeds.                             |
|       |  | 1893 Nov. 7.}                        | WENTWORTH .. ..   |   |
|       |  | 1897 Dec. 7.}                        | RICE, EDWIN WILBUR, Jun..   | Schenectady, New York, U.S.                                 |
|       |  | 1871 May 2.}                         | RICE, JAMES .. ..   | { The Nutshell, Cheam Road, Sutton,<br>Surrey.              |
|       |  | 1883 Nov. 20.}                       |   |   |
|       |  | 1904 Feb. 2.}                        | RICH, WILLIAM .. ..   | Trevu, Camborne, Cornwall.                                  |
|       |  | 1878 May 7.}                         | RICHARD, HENRY JOSEPH ..  | 67 Gordon Road, Ealing, W.                                  |
|       |  | 1889 Nov. 15.}                       |   | { Plas Llecha, Tredunnoch, Caerleon,<br>Mon.                |
|       |  | 1881 Apr. 5.}                        | RICHARDS, EDWARD WINDSOR  |   |
| ✕     |  | 1888 Dec. 4.}                        | RICHARDS, RICHARD WATKINS..   | Town Clerk, Dunedin, N.Z.                                   |
|       |  | 1902 Jan. 28.}                       |   |   |
|       |  | 1887 Jan. 11.}                       | RICHARDS, THOMAS.. ..   | Nundydroog Co., Oorgaum, Mysore,                            |
|       |  | 1865 Feb. 7.}                        |   | [India.   |
|       |  | 1879 Feb. 4.}                        | RICHARDSON, JOHN .. ..  | Well Royd, Rawdon, Leeds.                                   |
| C ✕   |  | 1894 Apr. 3.}                        | RICHARDSON, JOHN .. ..  | Lincoln.  |
|       |  | 1872 Dec. 3.}                        |   |   |
|       |  | 1887 Oct. 25.}                       | RICHARDSON, WILLIAM PELHAM  | { Broadlands House, Brockenhurst,<br>Hants.                 |
|       |  | 1879 Mar. 4.}                        |   |   |
|       |  | 1882 Jan. 10.}                       | RICHES, TOM HURRY .. ..   | Taff Vale Railway, Cardiff.                                 |
|       |  | 1876 May 2.}                         |   |   |
|       |  | 1891 Nov. 3.}                        | RICHMOND, JAMES .. ..   | Govt. Rys., Kingston, Jamaica.                              |
|       |  | 1904 Feb. 2.}                        | { RICKETTS, PALMER CHAMBER-<br>LAINE .. ..  | Troy, New York, U.S.  |
|       |  | 1896 Mar. 3.}                        | RIDER, JOHN HALL .. ..  | { L.C.C. Tramways. 303 Camberwell<br>New Road, S.E.         |
|       |  | 1902 Mar. 18.}                       |   |   |
| t ✕   |  | 1866 Dec. 4.}                        | RIDLEY, WILLIAM .. ..   | 39 Victoria Street, S.W.                                    |
|       |  | 1874 Nov. 17.}                       |   |   |
|       |  | 1906 Feb. 6.}                        | RIGBY, FRANK .. ..  | Westmere Lodge, Alsager, Cheshire.                          |
|       |  | 1891 Dec. 1.}                        | *RIGBY, HERBERT PETER   | Dr. W. C. Rigby, Adlington, Lancs.                          |
|       |  | 1901 Apr. 23.}                       |   |   |
|       |  | 1876 Feb. 1.}                        | BARROW .. ..  |   |
|       |  | 1883 Mar. 13.}                       | RIGBY, JASON, B.A. ( <i>Dubl.</i> )..   | 14 Fourth Avenue, Hove, Sussex.                             |
|       |  | 1872 May 14.}                        | RIGG, HENRY .. ..   | { Alexander Fletcher & Co., 2 St.<br>Helen's Place, E.C.    |
|       |  | 1882 Nov. 7.}                        |   |   |
|       |  | 1897 Dec. 7.}                        | RILEY, WILLIAM EDWARD ..  | { London County Council, Spring<br>Gardens, S.W.            |
| t ✕   |  | 1893 Dec. 5.}                        | RIPPER, <i>Professor</i> WILLIAM ..   | University College, Sheffield.                              |
| m ✕   |  | 1880 May 25.}                        | *RITSO, BERNARD WILLIAM ..  | P.W.D., Cradock, C.C.                                       |
|       |  | 1901 Dec. 17.}                       |   |   |
| ✕     |  | 1875 May 4.}                         | RIVERS, EDWARD GEORGE, I.S.O.   | { H.M. Office of Works, Storey's<br>Gate, Westminster, S.W. |
|       |  | 1902 Mar. 11.}                       |   |   |
|       |  | 1903 Mar. 3.}                        | ROBERTS, DAVID EVAN .. ..   | 59 Queen Street, Cardiff.                                   |
|       |  | 1884 Apr. 1.}                        | ROBERTS, MARTIN FENN.. ..   | Mabshill, Epsom.  |
|       |  | 1899 Dec. 12.}                       |   |   |
|       |  | 1887 Mar. 1.}                        | ROBERTS, THOMAS .. ..   | Govt. Rys., Adelaide, S. Australia.                         |
|       |  | 1896 Nov. 16.}                       |   |   |
|       |  | 1893 Feb. 7.}                        | ROBERTS, WILLIAM .. ..  | Highland Ry., Inverness.                                    |
|       |  | 1898 Feb. 1.}                        |   |   |
| t ✕   |  | 1874 Dec. 1.}                        | ROBERTSON, FREDERICK EWART,   | { 8 Great George Street, S.W. (Suk-<br>kur, London.)        |
|       |  | 1890 Feb. 25.}                       |   |   |
|       |  | 1887 Feb. 1.}                        | C.I.E. .. ..  |   |
|       |  | 1893 Apr. 18.}                       | ROBERTSON, JAMES ROBERT ..  | Fairkytes, Hornchurch, Essex.                               |

| Date of Election<br>and of Transfer. |   | MEMBERS.   |  |
|--------------------------------------|---|--|--|
| m                                    | ✠ | {1889 Dec. 3.}*ROBERTSON, LESLIE STEPHEN             | {28 Victoria Street, S.W. (Eyebolts,<br>London.)     |
|                                      |   | {1901 Feb. 19.}                                      |  |
|                                      | ✠ | {1886 May 4.}*ROBERTSON, ROBERT,                     | {154 West George Street, Glasgow.                    |
|                                      |   | {1894 Dec. 11.} B.Sc. ( <i>Edin.</i> ) .. .. .       |  |
|                                      |   | 1893 Dec. 5. ROBINOW, FRANK .. .. .                  | 4 Mount Street, Berkeley Square, W.                  |
|                                      |   | 1880 Dec. 7.}*ROBINS, EDWARD .. .. .                 | {c.o. H. P. Becher, 26 Bedford Row,<br>W.C.          |
|                                      |   | 1904 Dec. 13.}                                       |  |
|                                      |   | 1904 Jan. 12. ROBINSON, ARTHUR WELLS ..              | {14 Phillip Square, Montreal,<br>Canada.             |
|                                      |   | 1872 May 7.}*ROBINSON, CHARLES EDWARD                | Selborne, Ashburton, S. Devon.                       |
|                                      |   | 1885 Dec. 15.}                                       |  |
|                                      |   | 1875 Apr. 6.} ROBINSON, FRANK EDWARD ..              | 13 Victoria Street, S.W.                             |
|                                      |   | 1895 Jan. 8.}  |  |
|                                      | t | ✠ {1864 Feb. 2.} ROBINSON, <i>Professor</i> HENRY .. | {Parliament Mansions, Victoria<br>Street, S.W.       |
|                                      |   | {1868 Feb. 18.}                                      |  |
| T t                                  | ✠ | {1866 Mar. 6.} ROBINSON, JOHN .. .. .                | 8 Vicarage Terrace, Kendal.                          |
|                                      |   | {1872 Apr. 30.}                                      |  |
|                                      |   | 1896 Jan. 14. ROBINSON, JOHN FREDERICK ..            | 17 Victoria Street, S.W.                             |
|                                      |   | 1902 Jan. 14. ROBINSON, JOHN GEORGE ..               | Boothdale, Fairfield, Manchester.                    |
|                                      |   | 1906 Feb. 6. ROBINSON, MANSERGH DIAS ..              | Indwe, Cape Colony.                                  |
|                                      |   | 1893 May 2. ROBINSON, MARK HEATON ..                 | 9 Belsize Grove, Hampstead, N.W.                     |
|                                      |   | 1876 Dec. 5. ROBINSON, ROBERT .. .. .                | Darlington.  |
|                                      |   | 1884 May 27.} ROBINSON, <i>Professor</i> WILLIAM,    | {Dalriada, Alexandra Park, Notting-<br>ham.          |
|                                      |   | {1900 Mar. 27.} M.E. ( <i>Queen's</i> ) .. .. .      |  |
|                                      |   | 1894 Dec. 4.} ROBSON, JOHN JAMES .. .. .             | 335 High Holborn, W.C.                               |
|                                      |   | 1903 Feb. 24.}                                       |  |
|                                      |   | 1885 May 19.}*ROBSON, OLIVER CLAUDE ..               | {Public Offices, Dyne Road, Kilburn,<br>N.W.         |
|                                      |   | 1895 May 14.}  |  |
|                                      | ✠ | {1898 Dec. 6.} ROCHE, EDWARD RICHARD,                | {Clifton House, Portland Avenue,<br>Exmouth.         |
|                                      |   | {1904 Dec. 13.} B.A.I. ( <i>Dubl.</i> ) .. .. .      |  |
|                                      |   | 1875 May 11. ROCHE, GEORGE BYLAND ..                 | {146 Church Rd., Upper Norwood,<br>S.E.              |
|                                      |   |  |  |
| t                                    | ✠ | {1886 Feb. 2.} ROECHLING, HERMAN ALFRED              | 39 Victoria Street, S.W.                             |
|                                      |   | {1901 Dec. 11.}                                      |  |
|                                      |   | 1878 May 7. ROFE, HENRY .. .. .                      | {8 Victoria Street, S.W. (Filliter<br>Rofe, London.) |
|                                      | ✠ | 1878 May 7. ROFF, GEORGE LENTON .. ..                | 44 Kensington Park Gardens, W.                       |
|                                      |   | 1899 Dec. 5. {ROGERS, ARTHUR BURDEN}                 | {Municipality, Agra, N.W.P., India.                  |
|                                      |   | {CAMPBELL .. .. .}                                   |  |
|                                      |   | 1896 Dec. 1.} ROGERS, HERBERT MALCOLM ..             | {Redcliffe, Durham Avenue, Bromley,<br>Kent.         |
|                                      |   | 1902 Dec. 2.}  |  |
|                                      |   | 1901 Mar. 5. {ROGERS, RICHARD BIRDSALL,              | {Trent Canal, Peterborough, Ont.,<br>Canada.         |
|                                      |   | {B.A.Sc. ( <i>McGill</i> ) .. .. .}                  |  |
|                                      |   | 1903 Jan. 13. ROGERS, TOM HUGH GODDARD               | {L.C.C. Engineer's Dept., Spring<br>Gardens, S.W.    |
| m                                    | ✠ | {1885 Feb. 3.}*ROOPER, WALTER OSMOND ..              | Stonehill House, Abingdon, Berks.                    |
|                                      |   | {1903 Mar. 31.}                                      |  |
|                                      | ✠ | 1880 May 25. {ROSS, ALEXANDER                        | {G. N. Ry., King's Cross, N.                         |
|                                      |   | {(Member of Council.) .. .. .}                       |  |
|                                      |   | 1895 Dec. 3.} ROSS, WILLIAM, B.E., B.A.              | {Bamford, nr. Sheffield.                             |
|                                      |   | 1903 Feb. 17.} ( <i>Royal</i> ) .. .. .              |  |
|                                      |   | 1888 Apr. 10.} ROTHWELL-JACKSON, CHARLES             | {Moorfield, Bolton. (34.)                            |
|                                      |   | 1891 Jan. 20.} LOXTON .. .. .                        |  |
|                                      |   | 1895 Jan. 8.} ROUNTHWAITE, RICHARD SEP-              | {3 Willis Street, Wellington, New<br>Zealand.        |
|                                      |   | 1903 Dec. 22.} TIMUS .. .. .                         |  |
|                                      |   | 1894 Jan. 9. ROUTH, REGINALD SAMUEL JOHN             | {c.o. Grindlay & Co., 54 Parliament<br>Street, S.W.  |
|                                      |   | 1895 Feb. 5. ROUTLEDGE, WILLIAM HENRY                | Woodfield Park, Blackwood.                           |
|                                      |   | 1898 Dec. 6. ROWAN, JAMES .. .. .                    | 231 Elliot Street, Glasgow.                          |
|                                      | ✠ | {1895 Feb. 5.} ROWBOTHAM, JAMES MCKEAN               | Calle Corrientes 951, Buenos Aires.                  |
|                                      |   | {1902 Dec. 2.}                                       |  |
| t                                    | ✠ | 1888 Dec. 4. ROWLANDSON, CHARLES ARTHUR              | Great Central Ry., Marylebone, W.                    |

| Date of Election<br>and of Transfer. |  | MEMBERS.   |  |
|--------------------------------------|--|--|--|
| 1884 Dec. 2.                         | ROWLEY, WALTER .. .. .                                   | { 20 Park Row, Leeds. (Walter Rowley, Leeds.)                        |  |
| 1893 Mar. 7.                         | *ROYAL - DAWSON, FREDERICK                               | { Govt. Rys. Department, Bombay.                                     |  |
| 1905 Dec. 19.                        | GEORGE .. .. .   |  |  |
| 1881 Dec. 6.                         | RUMSBY, ERNEST JAMES ..                                  | { c.o. Miss Rumsby, Oakford, Polsloe Road, Exeter.                   |  |
| 1896 Mar. 10.                        |  | { 60 Marlborough Mansions, West Hampstead, N.W.                      |  |
| 1875 Dec. 7.                         | RUNDALL, JAMES WILLIAM ..                                | { 15 Victoria Street, S.W.   |  |
| 1881 Dec. 6.                         | RUSSELL, JOHN .. .. .                                    | { 39 Coleman Street, E.C.  |  |
| 1885 Feb. 3.                         | RUSSELL, NORMAN SCOTT ..                                 | { City Engineer, Winnipeg, Canada.                                   |  |
| 1888 Feb. 7.                         | RUTTAN, HENRY NORLANDE ..                                | { Met. Water Board, West. Dist., 41-43 Commercial Rd., Pimlico, S.W. |  |
| † { 1886 Apr. 6.                     | *RUTTER, HENRY FILLMER ..                                | { 22 Nassau Street, Dublin. (Mice, Dublin.)                          |  |
| † { 1901 Feb. 19.                    |  | { Hisehope, Waskerley, viâ Darlington.                               |  |
| 1884 May 6.                          | { RYAN, JOHN HENRY,<br>M.A. (Dubl.) .. .. .              |  |  |
| 1887 Dec. 6.                         | RYAN, ROBERT HENRY .. ..                                 |  |  |
| 1894 May 1.                          | SADLER, HENRY WILLIAM ..                                 | G.N.Ry., Eng.'s Office, King's Cross, N.                             |  |
| 1881 May 31.                         | *ST. CLAIR, Hon. LOCKHART                                | { Yateley Lodge, Yateley, Hants.                                     |  |
| 1903 Feb. 10.                        | MATTHEW, C.I.E. .. ..                                    |  |  |
| † { 1877 Feb. 6.                     | ST. GEORGE, PERCIVAL WALTER                              | { 151 St. James's Street, Montreal, Canada.                          |  |
| † { 1887 Feb. 1.                     |  | { East Indian Ry., Giridih, Bengal.                                  |  |
| 1887 May 24.                         | SAISE, WALTER, D.Sc. (Lond.).                            | { Oakhurst, Erith, Kent.   |  |
| 1904 Jan. 12.                        | SALMON, CHARLES .. .. .                                  | { 75 Trafalgar Road, Egremont, Ches.                                 |  |
| 1878 Apr. 2.                         | SALTER, JOHN .. .. .                                     | { 36 Victoria Street, S.W.   |  |
| 1879 Apr. 8.                         |  | { Bodicote Grange, Banbury.  |  |
| 1888 Dec. 4.                         | SAMPSON, JOHN .. .. .                                    | { 9 Bridge Street, Westminster, S.W. (Sandberg, London.)             |  |
| 1893 Mar. 28.                        |  | { Derwent Valley Water Board, Bamford, Sheffield.                    |  |
| 1882 Dec. 5.                         | SAMUELSON, ERNEST .. ..                                  | { 2 St. Nicholas Buildings, Newcastle-on-Tyne.                       |  |
| 1893 Mar. 14.                        |  | { Uganda Ry., Mombasa, East Africa.                                  |  |
| T t † { 1866 Dec. 4.                 | SANDBERG, CHRISTER PETER ..                              | { Weaver Navigation, Northwich.                                      |  |
| T t † { 1894 Nov. 7.                 |  | { 25 Victoria Street, S.W. (Westminster 5012.)                       |  |
| C † { 1888 Feb. 7.                   | *SANDEMAN, EDWARD .. ..                                  | { Caixa 748, Rio de Janeiro. (Zamerico, Rio.)                        |  |
| C † { 1897 Jan. 12.                  |  | { 20 Devonshire Terrace, Lancaster Gate, W.                          |  |
| † 1873 Feb. 4.                       | SANDEMAN, JOHN WATT ..                                   | { Rua Dna. Maria Antonia 37, São Paulo, Brazil.                      |  |
| 1881 Feb. 1.                         | SANDIFORD, CHARLES, C.B. ..                              | { Harbour Office, Swansea.   |  |
| † { 1890 Dec. 2.                     | *SANER, JOHN ARTHUR .. ..                                | { Rua Commercio 15, São Paulo, Brazil.                               |  |
| † { 1896 Nov. 24.                    |  | { Stimson Building, Los Angeles, California, U.S.                    |  |
| S T t † 1895 Feb. 5.                 | { SANKEY, MATTHEW HENRY<br>PHINEAS RIAL, Capt. R.E. ret. | { 3 Unity St., College Green, Bristol.                               |  |
| 1882 Dec. 5.                         | SANTOS, JOSÉ AMERICO DOS ..                              | { Sawyer, Ernest Edward, M.A. (Cantab.) .. .. .                      |  |
| † { 1876 Jan. 11.                    | *SAWYER, ERNEST EDWARD,                                  | { 1880 Dec. 21.  |  |
| † { 1880 Dec. 21.                    | M.A. (Cantab.) .. .. .                                   | { 1877 May 29.   |  |
| † { 1877 May 29.                     | SAWYER, FREDERIC HENRY READ                              | { 1887 Nov. 15.  |  |
| † { 1887 Nov. 15.                    |  | { 1885 May 19.   |  |
| † { 1885 May 19.                     | SCHENK, AUGUSTUS OSWALD ..                               | { 1896 Feb. 4.   |  |
| † { 1896 Feb. 4.                     | { SCHNOOR, EMILIO ARMANDO<br>HENRIQUE .. .. .            | { 1891 Feb. 3.   |  |
| † { 1891 Feb. 3.                     | SCHUYLER, JAMES DIX .. ..                                | { 1883 Dec. 4.   |  |
| † { 1883 Dec. 4.                     | SCOONES, THOMAS JAMES ..                                 | { 1888 Feb. 21.  |  |
| † { 1888 Feb. 21.                    |  | { 1889 May 21.   |  |
| † { 1889 May 21.                     | *SCORGIE, NORMAN .. .. .                                 | { 1901 Feb. 19.  |  |
| † { 1901 Feb. 19.                    |  |  |  |



| Date of Election<br>and of Transfer. |                   | MEMBERS.   |  |
|--------------------------------------|-------------------|--|--|
|                                      | 1897 Apr. 6.      | SCORRAR, JORGE BLACK ..                              | { Rua Duque de Caxias 20, São Paulo, Brazil.                 |
| t ✱                                  | { 1890 Apr. 1. }  | SCOTT, ADAM .. .. .                                  | 195 Ashley Gardens, S.W.                                     |
|                                      | { 1897 Mar. 2. }  | { SCOTT, FREDERICK WILLIAM }                         | P.W.D., Nagpur, C.P., India.                                 |
|                                      | 1896 Dec. 1.      | { MORTIMER .. .. . }                                 |  |
|                                      | 1892 Feb. 2.      | SCOTT, GEORGE HALL ..                                | { Keyham Dockyard Extension, Devonport.                      |
|                                      | 1900 Dec. 18.     |  | { District Engineer, Port Commission, Calcutta.              |
|                                      | 1901 Apr. 2.      | SCOTT, JOHN .. .. .                                  | { Canterbury College, Christchurch, N.Z.                     |
|                                      | 1888 Jan. 10.     | *SCOTT, Professor ROBERT                             | Park Road, East Molesey.                                     |
|                                      | 1899 Dec. 12.     | JULIAN .. .. .                                       | Eversley Cottage, Middleton, Lancs.                          |
|                                      | 1872 May 7.       | SCOTT, WALTER HENRY ..                               | 26 Dingle Lane, Liverpool.                                   |
|                                      | 1891 Feb. 3.      | SCOTT, WILLIAM BELLHOUSE ..                          |  |
|                                      | 1870 Dec. 6.      | SCOTT, WILLIAM GEORGE ..                             |  |
|                                      | 1877 Oct. 30.     |  |  |
|                                      | 1873 Jan. 14.     | SCOTT, WILLIAM HENRY ..                              | Casterton, Victoria.   |
|                                      | 1885 Dec. 15.     |  | { 32 Victoria Street, S.W. (Seaquake, London. Victoria 207.) |
| ✱                                    | 1885 Dec. 1.      | SEATON, ALBERT EDWARD ..                             | { Metropolitan Railway, 32 Westbourne Terrace, W.            |
|                                      | 1881 Jan. 11.     | SEATON, EDWARD PARKE ..                              | { Public Works and Surveys Office, Port Louis, Mauritius.    |
|                                      | 1892 Mar. 15.     |  |  |
|                                      | 1894 Feb. 6.      | *SEGRAIS, PAUL LE JUGE DE ..                         | 279 George Street, Sydney, N.S.W.                            |
|                                      | 1906 Feb. 6.      |  |  |
|                                      | 1880 Dec. 7.      | SELFE, NORMAN .. .. .                                |  |
|                                      |                   | { SELLERS, COLEMAN, D.E. (Stevens Inst., N.J., U.S.) | 1304 Stephen Girard Building, Philadelphia, U.S.             |
|                                      |                   | { D.Sc. (Penn.) .. .. . }                            |  |
|                                      | 1886 Mar. 2.      | SELLON, STEPHEN PRESCOTT                             | 36 Victoria Street, S.W.                                     |
|                                      | 1903 Dec. 22.     | WHITE D'ALTE .. .. .                                 |  |
|                                      | 1882 Feb. 7.      | *SELLS, CHARLES DE GRAVE ..                          | Cornigliano, Ligure, Italy.                                  |
|                                      | 1895 Nov. 5.      |  |  |
|                                      | 1896 Dec. 1.      | *SETTLE, JOSEPH RISLEY ..                            | H.M. Naval Yard, Gibraltar.                                  |
|                                      | 1905 Feb. 28.     |  |  |
|                                      | 1878 Feb. 5.      | SEWELL, WILLIAM .. .. .                              | { Manor Office, North Bridge Street, Sunderland.             |
|                                      | 1896 Feb. 11.     |  |  |
| T t ✱                                | 1880 Jan. 13.     | SEYRIG, THEOPHILUS .. ..                             | 43 Rue de Rome, Paris.                                       |
|                                      | 1877 May 29.      | *SHADBOLT, ERNEST IFILL ..                           | { Grindlay & Co., 54 Parliament Street, S.W.                 |
|                                      | 1890 Nov. 11.     |  |  |
| T t ✱                                | 1893 Dec. 5.      | SHANKLAND, EDWARD CLAPP                              | The Rookery, Chicago, Ill., U.S.A.                           |
|                                      | 1880 May 4.       | *SHARP, FREDERICK .. ..                              | { c.o. H. S. King & Co., 65 Cornhill, E.C.                   |
|                                      | 1896 Feb. 25.     |  |  |
|                                      | 1877 Dec. 4.      | SHAW, ARTHUR EDMUND ..                               | { Sumner & Co., Paseo de Julio 102, Buenos Aires, Argentina. |
|                                      | 1882 Feb. 14.     |  |  |
|                                      | 1894 Feb. 6.      | SHAW, PERCY WILLIAM ..                               | 70 Pitt Street, Sydney, N.S.W.                               |
|                                      | 1904 Apr. 19.     |  |  |
|                                      | 1879 Feb. 4.      | *SHAW, SAM .. .. .                                   | Dewsbury.  |
|                                      | 1899 Mar. 7.      |  |  |
|                                      | 1897 Apr. 6.      | *SHAW, WILLIAM BARBOURE ..                           | { 224 St. Vincent Street, Glasgow. (National 1650 Argylo.)   |
|                                      | 1906 Jan. 9.      |  |  |
| ✱                                    | 1902 Jan. 14.     | { SHAW, WILLIAM ROBERT, M.E. (Royal) .. .. . }       | 152 Church Road, Upper Norwood, S.E.                         |
| t ✱                                  | { 1845 May 6. }   | SHEARS, WILLIAM .. .. .                              | 23 Kempshott Road, Streatham, S.W.                           |
|                                      | { 1877 May 8. }   |  |  |
|                                      | 1885 Dec. 1.      | SHEDLOCK, OCTAVIUS JAMES ..                          | { Grindlay & Co., Parliament St., S.W.                       |
|                                      | 1894 Nov. 6.      |  |  |
| ✱                                    | { 1895 Apr. 2. }  | *SHEILDS, FRANCIS ERNEST                             | Resident Eng., Isna Barrage, Upper Egypt.                    |
|                                      | { 1905 Jan. 10. } | WENTWORTH- .. .. .                                   |  |
|                                      | 1887 Dec. 6.      | SHELDON, PERCY JOHN .. ..                            | { The Chantry, Springfield, Chelmsford.                      |
|                                      | 1905 Jan. 24.     |  |  |
|                                      | 1892 Jan. 12.     | SHELDON, WILLIAM JOHN ..                             | São Paulo Ry., São Paulo, Brazil.                            |
|                                      | 1900 Dec. 19.     |  |  |
| ✱                                    | { 1897 Mar. 2. }  | *SHELFORD, FREDERIC, B.Sc. (Lond.) .. .. .           | { 35A Great George Street, S.W. (Usefulness, London.)        |
|                                      | { 1902 Feb. 11. } |  |  |



| Date of Election<br>and of Transfer. |                                 | MEMBERS.   |   |
|--------------------------------------|---------------------------------|--|---|
| ✱                                    | {1882 Dec. 5.<br>1892 May 3.}   | *SHELLSHEAR, WALTER .. ..                            | {Ry. Dept., Bridge Street, Sydney,<br>N.S.W.                        |
|                                      | 1888 Feb. 7.}                   | SHERLOCK, HENRY ALEXANDER                            | G. E. Ry., Cambridge.   |
|                                      | 1893 Apr. 18.}                  | GEORGE .. .. .                                       |   |
|                                      | 1875 Dec. 7.}                   | SHERMAN, WILLIAM HANBURY                             | Grindlay & Co., Parliament St., S.W.                                |
|                                      | 1882 Nov. 7.}                   | PETTINGAL .. .. .                                    |   |
|                                      | 1885 Dec. 1.}                   | *SHIELD, ARTHUR HINDHAUGH .                          | 35A Great George Street, S.W.                                       |
|                                      | 1901 Dec. 11.}                  |  |   |
|                                      | 1866 Jan. 9.}                   | SHIELD, HENRY .. .. .                                | Fawcett, Preston & Co., Liverpool.                                  |
|                                      | 1870 Dec. 6.}                   |  |   |
| ✱                                    | {1871 Mar. 7.<br>1879 Jan. 14.} | *SHIELD, WILLIAM, F.R.S.E. ..                        | {33 Old Queen Street, Westminster,<br>S.W.                          |
|                                      | 1889 May 7.}                    | SHIELD, WILLIAM .. .. .                              | {19 North Side, Clapham Common,<br>S.W.                             |
| t ✱                                  | {1864 Feb. 2.<br>1876 May 9.}   | SHOOLBRED, JAMES NELSON,<br>B.A. (Lond.) .. .. .     | {47 Victoria Street, S.W.   |
|                                      | 1891 Dec. 1.}                   | *SHOOSMITH, HARRY .. .. .                            | Wynford, Abbey Wood, Kent.  |
|                                      | 1900 Jan. 23.}                  |  |   |
|                                      | 1877 Dec. 4.}                   | *SHORES, JOHN WALLIS, C.M.G.                         | {Chief Engineer, Govt. Rys., Maritz-<br>burg, Natal.                |
|                                      | 1890 Mar. 18.}                  |  |   |
|                                      | 1877 May 1.}                    | SHORTT, CHARLES HENRY ..                             | {Bramcote, Bramcote Road, Putney,<br>S.W.                           |
|                                      | 1893 Mar. 28.}                  |  |   |
|                                      | 1887 Dec. 6.}                   | *SIBBERING, GEORGE THOMAS ..                         | {Engineer, Taff Vale Railway, Car-<br>diff.                         |
|                                      | 1896 Mar. 31.}                  |  |   |
| t ✱                                  | {1869 Feb. 2.<br>1879 Jan. 28.} | SICCAMA, HARCO THEODORUS<br>HORA .. .. .             | {c.o. St. Stephen's Club, Westminster,<br>S.W.                      |
|                                      | 1873 Feb. 4.}                   | *SIEMENS, ALEXANDER                                  | {12 Queen Anne's Gate, S.W. (Sie-<br>mens, London. Westminster 99.) |
|                                      | 1890 Nov. 25.}                  | (Member of Council.) .. ..                           |   |
|                                      | 1902 Apr. 8.}                   | *SIKES, ROBERT CHERRY, B.E.,<br>B.A. (Royal) .. .. . | G.W. Ry., Gerrard's Cross, Bucks.                                   |
|                                      | 1905 Mar. 7.}                   |  |   |
|                                      | 1887 Feb. 1.}                   | *SILCOCK, EDWARD JOHN .. ..                          | {10 Park Row, Leeds. (Theodolite,<br>Leeds.)                        |
|                                      | 1901 Feb. 26.}                  |  |   |
|                                      | 1888 Apr. 10.}                  | *SILK, ALBERT EDWARD ..                              | Bengal Secretariat, Calcutta.                                       |
|                                      | 1897 Nov. 30.}                  |  |   |
|                                      | 1906 Feb. 6.}                   | SILLAR, ARTHUR MOLYNEUX ..                           | 2, Queen Anne's Gate, S.W.  |
|                                      | 1879 Feb. 4.}                   | SILVA, DOMINGOS SERGIO DE                            | Rua Christovão Colombo, Rio de<br>Janeiro.                          |
|                                      | 1888 Feb. 14.}                  | SABOIA E .. .. .                                     |   |
|                                      | 1880 Feb. 3.}                   | SIM, CHARLES LOUIS .. .. .                           | G.I.P. Ry., Bombay.   |
|                                      | 1891 Dec. 8.}                   |  |   |
|                                      | 1883 May 1.}                    | SIMMONS, JOHN .. .. .                                | Bank Chambers, Doncaster.   |
|                                      | 1890 Nov. 11.}                  |  |   |
|                                      | 1881 May 3.}                    | SIMON, FREDERICK .. .. .                             | 4 Colville Gardens, Bayswater, W.                                   |
|                                      | 1868 Feb. 4.}                   | SIMPSON, ARTHUR TELFORD ..                           | 38 Parliament Street, S.W.  |
|                                      | 1874 Apr. 14.}                  |  |   |
|                                      | 1875 Jan. 12.}                  | SIMPSON, BENJAMIN CRISPIN ..                         | {5 Westminster Palace Gardens,<br>Victoria Street, S.W.             |
|                                      | 1888 Jan. 17.}                  |  |   |
|                                      | 1882 May 2.}                    | SIMPSON, DAVID CARNEY ..                             | Govt. Rys., Redfern, Sydney, N.S.W.                                 |
|                                      | 1893 Feb. 7.}                   |  |   |
|                                      | 1890 Dec. 2.}                   | SIMPSON, EDWARD MARSH ..                             | 79 Platts Lane, Hampstead, N.W.                                     |
|                                      | 1903 Feb. 10.}                  |  |   |
|                                      | 1885 May 19.}                   | SIMPSON, JAMES THOMAS ..                             | {Crosshill, Lovat Road, Inverness,<br>N.B.                          |
| ✱                                    | 1870 Feb. 1.}                   | SIMPSON, JOHN BELL .. .. .                           | Bradley Hall, Wylam-on-Tyne.  |
|                                      | 1904 Jan. 12.}                  | SIMS, THOMAS .. .. .                                 | 8 Alleyn Road, Dulwich, S.E.  |
|                                      | 1887 Mar. 1.}                   | *SIMSON, DAVID .. .. .                               | {Casilla de Correo 741, F.C. Oeste,<br>Buenos Aires.                |
|                                      | 1897 Nov. 30.}                  |  |   |
|                                      | 1879 Dec. 2.}                   | SINGLE, JOHN GODFREE .. ..                           | 1 The Esplanade, Plymouth.  |
|                                      | 1885 Nov. 10.}                  |  |   |
|                                      | 1893 Dec. 5.}                   | *SINNOTT, EDWARD STOCKLEY                            | Western Mail Chambers, Cardiff.                                     |
|                                      | 1905 Jan. 10.}                  |  |   |

| Date of Election<br>and of Transfer. |               | MEMBERS.  |  |
|--------------------------------------|---------------|---|--|
| 1876 Mar. 7.                         | 1888 Nov. 27. | *SKETCHLEY, HENRY GOULTON                         | F. C. del Sud, Buenos Aires.   |
| 1888 Feb. 7.                         |               | SMAIL, JOHN MOORE .. ..                           | { Water Supply & Sewerage Dept.,<br>Sydney, N.S.W.                         |
| 1897 Dec. 7.                         |               | SMALL, FREDERICK HENRY ..                         | { Wellington Street, Bondi, Sydney,<br>N.S.W.                              |
| 1886 Feb. 2.                         |               | *SMELT, JOHN DANN .. ..                           | { Salisbury House, Finsbury Circus,<br>E.C.                                |
| 1899 Jan. 17.                        |               |   |  |
| 1876 May 30.                         |               | SMITH, ALEXANDER .. ..                            | 3 Newhall Street, Birmingham.  |
| 1878 May 14.                         |               |   |  |
| 1882 Mar. 7.                         |               | SMITH, ARTHUR KEEN .. ..                          | { Chartham, Lonsdale Road, Barnes,<br>S.W.                                 |
| 1900 Mar. 27.                        |               |   |  |
| 1885 Feb. 3.                         |               | *SMITH, CECIL ARCHIBALD ..                        | Trevandrum, Travancore, India.   |
| 1901 Dec. 11.                        |               |   |  |
| 1905 Feb. 7.                         |               | { SMITH, CECIL BRUNSWICK, Ma.E.<br>(McGill) .. .. | 36 Toronto Street, Toronto, Canada.  |
| 1894 Feb. 6.                         |               | *SMITH, CHARLES CLEMESHA ..                       | Waterworks, Wakefield.   |
| 1905 Mar. 21.                        |               |   |  |
| 1885 Jan. 13.                        |               | SMITH, CHARLES WALTER ..                          | { Metropolitan Board of Water Supply<br>and Sewerage, Sydney, N.S.W.       |
| 1895 Oct. 22.                        |               |   |  |
| 1887 Feb. 1.                         |               | SMITH, CYRIL .. ..                                | F.C. Central, Asuncion, Paraguay.  |
| 1904 Apr. 19.                        |               |   |  |
| 1877 Feb. 6.                         |               | SMITH, EDWARD BLAKEWAY ..                         | { Canal Engineer's Office, Trent & Mer-<br>sey Navigation, Stoke-on-Trent. |
| 1891 Jan. 27.                        |               |   |  |
| 1889 May. 7.                         |               | *SMITH, EDWARD MARTIN ..                          | { L. & N.W. Ry., Vauxhall, Birming-<br>ham.                                |
| 1895 Mar. 26.                        |               |   |  |
| 1872 May 7.                          |               | SMITH, FRANCIS FREDERICK ..                       | { Fairview, Castlemain Road, West<br>Southbourne, Bournemouth.             |
| 1879 Nov. 11.                        |               |   |  |
| t ✱ { 1893 Dec. 5.                   |               | *SMITH, HAROLD DUKE .. ..                         | { G.W.R., Henley-in-Arden, Warwick-<br>shire.                              |
| 1903 Feb. 17.                        |               |   |  |
| 1884 Dec. 2.                         |               | SMITH, HENRY .. ..                                | 101 Grosvenor Road, S.W.   |
| 1893 Nov. 14.                        |               |   |  |
| 1887 Feb. 1.                         |               | SMITH, HENRY BADELEY ..                           | Rossland, British Columbia.  |
| 1889 May 14.                         |               |   |  |
| 1881 Dec. 6.                         |               | *SMITH, HERBERT BLOMFIELD                         | 44 Alleyn Road, West Dulwich, S.E.   |
| 1896 Mar. 17.                        |               |   |  |
| 1891 May 5.                          |               | *SMITH, JOHN, B.E. (Royal) ..                     | { County Surveyor, Ballinasloe, Ire-<br>land.                              |
| 1897 Jan. 12.                        |               |   |  |
| 1874 Apr. 14.                        |               | SMITH, URBAN ARMSTRONG ..                         | County Surveyor, Hatfield, Herts.  |
| 1902 Dec. 2.                         |               |   |  |
| ✱ { 1885 Dec. 1.                     |               | SMITH, WALTER ALEXANDER                           | { Roads & Bridges Dept., Sydney,<br>N.S.W.                                 |
| 1892 Nov. 1.                         |               |   |  |
| ✱ 1874 Jan. 13.                      |               | SMITH, WILLIAM .. ..                              | { Gatlands South Drive, Victoria<br>Park, Wavertree, Liverpool.            |
|                                      |               |   |  |
| 1877 Jan. 16.                        |               | SMITH, WILLIAM ARCHIBALD ..                       | { Punchard, Lowther & Co., 151 Cannon<br>Street, E.C.                      |
| 1889 Jan. 15.                        |               |   |  |
| 1891 Jan. 13.                        |               | SMITH, WILLIAM CHARLES                            | 6 Waterloo Place, S.W.   |
| 1901 Mar. 5.                         |               | CLIFFORD .. ..                                    |  |
| 1903 Feb. 3.                         |               | SMITHE, EDMUND DU CANE                            | Lahore, Punjab.  |
| 1892 Apr. 5.                         |               | SMYTH, JAMES STEVENSON,                           | { Gen. Man. & Chief Eng., Siamese<br>Tramways Co., Bangkok, Siam.          |
| 1906 Mar. 20.                        |               | B.E. (Royal) .. ..                                |  |
| 1864 Dec. 6.                         |               | SMYTH, WILLIAM STOPFORD ..                        | { c.o. Goodall, Lamb & Heighway,<br>Pantechmicon, Manchester.              |
| 1889 Mar. 5.                         |               | SMYTHE, THOMAS DIXON ..                           | Estacion Central, Santiago, Chile.   |
| 1890 Jan. 14.                        |               |   |  |
| 1905 Feb. 7.                         |               | SNELL, ALBION THOMAS ..                           | Suffolk House, Cannon Street, E.C.   |
| W ✱ { 1895 Mar. 5.                   |               | *SNELL, JOHN FRANCIS CLEVER-                      | Electricity Station, Sunderland.   |
| 1903 Dec. 22.                        |               | TON .. ..   |  |
| 1883 Mar. 6.                         |               | SOARES, JOÃO TEIXEIRA ..                          | Banco do Commercio, Rio de Janeiro.  |
| 1880 Apr. 6.                         |               | SOPWITH, ARTHUR .. ..                             | Chasetown, Walsall.  |
| 1905 Feb. 7.                         |               | SORZANO, JULIO FEDERICO ..                        | { 228 Gurfield Place, Brooklyn, New<br>York.                               |

|       | Date of Election<br>and of Transfer.  | MEMBERS.   |   |
|-------|---------------------------------------|--|---|
|       | 1904 Jan. 12.                         | SOWARSBY, JOHN WILLIAM ..                                      | { Harbour Board, East London, South Africa.                           |
| ✦     | 1875 May 4.                           | { SPAGNOLETTI, CHARLES ERNEST<br>PAOLO DIANA .. .. }           | 16 Frognaal Lane, Hampstead, N.W.                                     |
|       | 1894 Mar. 6.                          | SPARKS, CHARLES PRATT ..                                       | Bayonne, Ditton Hill, Surbiton.                                       |
|       | 1900 Jan. 30.                         |  |   |
| ✦     | 1867 Dec. 3.                          | SPENCER, JOHN FREDERICK ..                                     | { 15 Charlotte Road, Wallington, Surrey.                              |
|       | 1883 Jan. 9.                          | *SPINKS, WILLIAM .. ..   | 39 Prudential Buildings, Leeds.                                       |
|       | 1902 Jan. 28.                         |  |   |
|       | 1882 May 23.                          | SPOONER, CHARLES EDWIN,  | { States Railways, Kuala Lumpor, Selangore, S.S.                      |
|       | 1896 May 12.                          |  |   |
|       | 1895 Mar. 5.                          | SPRAGUE, FRANK JULIAN ..                                       | 15 Wall Street, New York, U.S.  |
| ✦     | { 1881 Dec. 6. }<br>{ 1885 May 19. }  | { SPRING, FRANCIS JOSEPH<br>EDWARD, C.I.E., M.A.I. (Dubl.) }   | { Chairman, Harbour Trust Board, Madras.                              |
|       | 1904 Jan. 12.                         | *SPYER, ARTHUR .. ..   | Oriel House, Farringdon Street, E.C.                                  |
|       | 1889 May 7.                           | *SQUIRE, WILLIAM WILKINSON                                     | Docks, Cumberland Basin, Bristol.                                     |
|       | 1882 Feb. 7.                          | STABLES, HENRY LEONARD ..                                      | Britstown, Cape Colony.   |
|       | 1885 Feb. 3.                          |  |   |
|       | 1877 Dec. 4.                          | STAFFORD, FREDERICK .. ..                                      | { Consulting Eng. for Rys., Perth, Western Australia.                 |
|       | 1884 Oct. 14.                         |  |   |
|       | 1891 Dec. 1.                          | *STANFIELD, Professor RICHARD,                                 | Heriot-Watt College, Edinburgh.                                       |
|       | 1900 Dec. 18.                         |  |   |
|       | 1897 Feb. 2.                          | STANKE, JULIUS .. ..   | Caixa 347, Rio de Janeiro.  |
| T t ✦ | 1877 May 29.                          | { STANLEY, HENRY CHARLES<br>(former Member of Council.) }      | { Royal Chambers, Hunter and Castle-<br>reagh Streets, Sydney, N.S.W. |
|       | 1859 Dec. 6.                          | STANLEY, WALMSLEY .. ..  | { The Knowle, Leigham Court Road,<br>Streatham, S.W.                  |
|       | 1886 Dec. 7.                          | *STANSFELD, ALFRED WOL-<br>RYCHE .. ..                         | Dacre House, Rock Ferry, Ches.  |
|       | 1901 Feb. 5.                          |  |   |
| ✦     | 1892 Dec. 6.                          | { STANTON, ROBERT BREWSTER,<br>M.A. (Miami Univ., Ohio) }      | 66 Broadway, New York, U.S.   |
| t ✦   | { 1894 Feb. 6. }<br>{ 1904 Dec. 13. } | { STANTON, THOMAS ERNEST,<br>D.Sc. (Victoria) .. .. }          | { National Physical Laboratory, Ted-<br>dington.                      |
|       | 1904 Apr. 12.                         | STARKEY, FRANK .. ..   | 117 St. George's Street, Cape Town.                                   |
|       | 1883 Dec. 4.                          | STAUFFER, DAVID McNEELY ..                                     | St. Paul Building, New York, U.S.                                     |
| m ✦   | { 1878 Apr. 2. }<br>{ 1884 Nov. 25. } | STATTON, GEORGE HENRY ..                                       | { c.o. C. Oswald, 615 Salisbury House,<br>London Wall, E.C.           |
|       | 1902 Dec. 2.                          | { STEADMAN, JAMES HARDIE,<br>M.A.I. (Dubl.) .. .. }            | County Surveyor, Donegal.   |
|       | 1892 Dec. 6.                          | { STEAVENSON, ADDISON LANG-<br>HORNE .. .. }                   | Durham.   |
| W ✦   | 1900 Mar. 6.                          | STEIGER, ALPHONSE .. ..  | 28 Victoria Street, S.W.  |
|       | 1896 Dec. 1.                          | STELFOX, JAMES .. ..   | Gasworks, Belfast.  |
|       | 1886 Dec. 7.                          | STEPHENS, FREDERICK ORLANDO                                    | { Pauling & Co., Box 713, Cape Town,<br>C.C.                          |
|       | 1903 Feb. 17.                         |  |   |
| S ✦   | { 1881 Jan. 11. }<br>{ 1894 Jan. 9. } | { *STEPHENS, GEORGE HENRY,<br>C.M.G. }                         | { Oaklea Warren, Newick, Sussex.                                      |
|       | 1883 Feb. 6.                          | STEVENS, HENRY WANSBOROUGH                                     | 12 Old Post Office Street, Calcutta.                                  |
| ✦     | { 1887 Feb. 1. }<br>{ 1891 Apr. 28. } | { STEVENSON, CHARLES ALEX-<br>ANDER, B.Sc. (Edin.), F.R.S.E. } | 84 George Street, Edinburgh.  |
| t m ✦ | { 1884 May 6. }<br>{ 1886 Dec. 7. }   | { STEVENSON, DAVID ALAN,<br>B.Sc. (Edin.), F.R.S.E. .. }       |   |
| ✦     | { 1881 Mar. 1. }<br>{ 1889 Jan. 22. } | STEVENSON, EDMUND HERBERT                                      | { 38 Parliament Street, S.W. (Holo-<br>meter, London.) }              |
|       | 1881 Mar. 1.                          | STEVENSON, FLETCHER WILSON                                     | Gasworks, Coventry.   |
|       | 1889 Jan. 22.                         |  |   |
|       | 1897 Feb. 2.                          | { STEWART, ABRAHAM McCAUS-<br>LAND, B.A.I. (Dubl.) .. .. }     | Shipquay Street, Londonderry.   |
|       | 1890 May 20.                          | STEWART, ALEXANDER .. ..                                       | 20 Cophthall Avenue, E.C.   |
|       | 1898 Apr. 26.                         |  |   |
| ✦     | { 1883 Apr. 3. }<br>{ 1900 Mar. 26. } | STEWART, CHARLES EDWARD ..                                     | Govt. Rys., Kokstad, Cape Colony.                                     |



| Date of Election<br>and of Transfer. |                 | MEMBERS.                       |     |    |  |
|--------------------------------------|-----------------|--------------------------------|-----|----|--|
| 1868 Jan. 14.                        | 1877 Mar. 27.   | STEWART, JAMES                 | ..  | .. | Auckland, N.Z.   |
| 1880 May 25.                         |                 | STEWART, JOHN TIFFIN           | ..  | .. | { Haumoana, Aramoho, Wanganui,<br>N.Z.                     |
| m ✕ { 1883 Feb. 6.                   | * 1893 May 2.   | STEWART, THOMAS                | ..  | .. | { 6 St. George's Chambers, Cape Town,<br>C.C.              |
|                                      |                 | (former Member of Council)     |     |    |  |
| 1877 May 29.                         | * 1883 May 1.   | STILEMAN, FRANK                | ..  | .. | { 1 Victoria Street, S.W. (Victoria,<br>1892.)             |
| 1892 Dec. 6.                         | * 1905 Mar. 14. | STILGOE, HENRY EDWARD          | ..  |    | Borough Engineer, Dover.                                   |
| 1886 Dec. 7.                         |                 | STIRLING, JAMES                | ..  | .. | Belmore, Ashford, Kent.                                    |
| 1891 Feb. 3.                         |                 | STIRLING, MATTHEW              | ..  | .. | { Hull & Barnsley Ry., Spring Head,<br>Hull.               |
| ✕ 1898 Jan. 11.                      |                 | STIRLING, ROBERT               | ..  | .. | { The Anchorage, Dorman's Park,<br>East Grinstead.         |
| 1891 May 5.                          | 1898 Nov. 29.   | STOCKMAN, BENJAMIN             | ..  | .. | { Hey Tor, Torrington Park, North<br>Finchley, N.          |
| t m ✕ { 1885 Dec. 1.                 | * 1902 Dec. 16. | STOKES, FREDERICK WILFRID      |     |    | { 32 Victoria Street, S.W.                                 |
|                                      |                 | SCOTT                          | ..  | .. |  |
| T t ✕ { 1858 Jan. 12.                |                 | STONEY, BINDON BLOOD,          |     |    | { 14 Elgin Road, Dublin.                                   |
|                                      |                 | L.L.D. (Dubl.), F.R.S...       | ..  |    |  |
|                                      |                 | (former Member of Council)     |     |    |  |
| t ✕ 1875 May 4.                      |                 | STONEY, EDWARD WALLER,         |     |    | { 1 College Road, Numgumbaukam,<br>Madras.                 |
|                                      |                 | C.I.E., M.E. (Queen's)         | ..  |    |  |
| ✕ { 1896 Feb. 4.                     | 1900 Dec. 19.   | STONEY, GEORGE GERALD          | ..  |    | { Oakley, Heaton Road, Newcastle-<br>on-Tyne.              |
| 1904 Dec. 6.                         |                 | STONIER, GEORGE ALFRED         | ..  |    | 8 Bedford Road, Bedford Park, W.                           |
| 1886 May 18.                         | * 1893 Oct. 3.  | STOREY, WILLIAM JOHN           |     |    | { Darwen Iron Co., Mostyn, Flints.                         |
| 1893 Oct. 3.                         |                 | PATRICKSON                     | ..  | .. |  |
| 1876 Feb. 1.                         |                 | STORY, JOHN SOMES              | ..  | .. | Market Place, Derby.                                       |
| 1861 Dec. 3.                         |                 | STOTHERT, GEORGE KELSON        | ..  |    | Steamship Works, Bristol.                                  |
| 1877 Oct. 30.                        |                 |                                |     |    |  |
| 1888 Dec. 4.                         | * 1900 Jan. 30. | STOTHERT, PERCY KENDALL        | ..  |    | The Grange, Bradford-on-Avon.                              |
| ✕ { 1886 Jan. 12.                    | 1894 Nov. 27.   | STRACHAN, GEORGE RICHARD-      |     |    | { 9 Victoria Street, S.W.                                  |
|                                      |                 | SON                            | ..  | .. |  |
| 1892 Jan. 12.                        |                 | STRACHEY, RICHARD SHOLTO       | ..  |    | 17 Clifton Park, Clifton, Bristol.                         |
| 1899 Dec. 12.                        |                 |                                |     |    |  |
| 1875 May 4.                          |                 | STRAIN, JOHN                   | ..  | .. | { Cassillis House, Ayrshire.                               |
| 1882 Mar. 7.                         |                 | (Member of Council.)           |     |    |  |
| 1889 Dec. 3.                         |                 | STRAUGH, ALEXANDER BUR-        |     |    | { Madras Ry., Royapuram, Madras,<br>India.                 |
| 1905 Jan. 10.                        |                 | ROUGHIS                        | ..  | .. |  |
| t ✕ { 1883 May 29.                   | * 1898 Nov. 29. | STRANGE, WILLIAM LUMISDEN      |     |    | { Box 557, Pretoria, Transvaal.                            |
| 1876 May 2.                          |                 | STRIDE, ARTHUR LEWIS           | ..  |    | { L. T. & S. Ry., Fenchurch St., E.C.                      |
| 1877 Nov. 27.                        |                 |                                |     |    | { (Letser, London. Avenue 4376.)                           |
| 1889 Apr. 2.                         |                 | STROBEL, CHARLES LEWIS         | ..  |    | { 1744 Monadnock Block, Chicago, Ill.,<br>U.S.             |
| T t ✕ { 1885 Dec. 1.                 | 1897 Nov. 30.   | STROMEYER, JOHANN PHILIP       |     |    | { Steam Users' Association, 9 Mount<br>Street, Manchester. |
|                                      |                 | EDMOND CHARLES                 | ..  | .. |  |
| 1894 Dec. 4.                         |                 | STUART, CHARLES McDONNELL      |     |    | Govt. Rys., Sydney, N.S.W.                                 |
| ✕ { 1880 Dec. 7.                     | * 1891 Feb. 3.  | STUART, ROBERT HENRY FRE-      |     |    | { F.C.G.O.A., Mendoza, Argentina.                          |
|                                      |                 | DERICK                         | ..  | .. |  |
| 1904 Mar. 1.                         |                 | STURGEON, JOHN                 | ... | .. | { 32 Hollyshaw Lane, Whitkirk,<br>near Leeds.              |
| 1882 Mar. 7.                         | * 1894 Oct. 30. | SUMMERS, THOMAS, D.Sc. (Edin.) |     |    | King, King & Co., Bombay.                                  |
| 1892 Dec. 6.                         |                 | SUMNER, FRANK                  | ..  | .. | Borough Engineer, Woolwich.                                |
| 1904 Mar. 29.                        |                 |                                |     |    |  |
| 1882 Jan. 10.                        | * 1900 Apr. 3.  | SUMNER, HERBERT GEORGE         | ..  |    | King Street, Gloucester.                                   |



| Date of Election<br>and of Transfer. |                     | MEMBERS.                            |  |
|--------------------------------------|---------------------|-------------------------------------|--|
| W t                                  | ✠ { 1877 Dec. 4. }  | SUTCLIFFE, GEORGE WILLIAM           | Whingarth, Marple, Stockport.          |
|                                      | { 1893 Nov. 14. }   | SWAIN, <i>Professor</i> GEORGE      | Massachusetts Institute of Techno-     |
|                                      | { 1902 Feb. 4. }    | FILLMORE .. .. .                    | logy, Boston, Mass., U.S.A.            |
|                                      | { 1885 Apr. 14. }   | SWAN, ARCHIBALD ALEXANDER,          | Bath Club, Dover Street, W.            |
|                                      | { 1896 May 19. }    | B.Sc. ( <i>Glas.</i> ) .. .. .      |  |
|                                      | { 1896 Dec. 1. }    | SWAN, HENRY FREDERICK, C.B.         | Prudhoe Hall, Prudhoe-on-Tyne.         |
|                                      | ✠ { 1883 Dec. 4. }  | SWARBRICK, JOSEPH .. .. .           | 30 St. Ann's Street, Manchester.       |
|                                      | { 1899 Nov. 28. }   |                                     |  |
|                                      | { 1878 Dec. 3. }    | SWINBURN, JOHN .. .. .              | L.&Y.Ry., Eng.'s Office, Manchester.   |
|                                      | ✠ { 1893 Mar. 7. }  | SWINBURNE, JAMES .. .. .            | { 82 Victoria Street, S.W. (West-      |
|                                      | { 1894 Apr. 10. }   |                                     | minster 292.)                          |
|                                      | { 1875 Jan. 12. }   | SWINDELLS, RUPERT .. .. .           | { 22 Oxford Road, Birkdale, South-     |
|                                      | { 1883 Jan. 22. }   |                                     | port.                                  |
|                                      | { 1886 Dec. 7. }    | *SWINDLEHURST, JOSEPH EAVES         | City Engineer, Coventry.               |
|                                      | { 1900 Apr. 10. }   |                                     |  |
|                                      | { 1877 Feb. 6. }    | SWINDLEHURST, ROBERT HENRY          | Town Hall, Bolton.                     |
|                                      | { 1885 Dec. 1. }    |                                     |  |
|                                      | { 1889 May 21. }    | SWINEY, JOHN HARRIS                 |  |
|                                      | { 1894 May 8. }     | HAZLETT, B.A.I. ( <i>Dubl.</i> ) .. | 83 Royal Avenue, Belfast.              |
| T t<br>m t                           | { 1890 Jan. 14. }   | *SWINTON, ALAN ARCHIBALD            | 66 Victoria Street, S.W. (Dunamis,     |
|                                      | { 1898 Dec. 6. }    | CAMPBELL .. .. .                    | London. Westminster 156.)              |
|                                      | { 1879 May 27. }    | SYKES, BENJAMIN .. .. .             | 33 Winckley Square, Preston. (28.)     |
|                                      | { 1880 Feb. 3. }    | SYKES, GEORGE HENRY,                | Glencoe, Elmbourne Road, Tooting       |
|                                      | { 1886 Nov. 9. }    | M.A. ( <i>Dubl.</i> ) .. .. .       | Common, S.W.                           |
|                                      | { 1876 Feb. 1. }    |                                     | { Burwood, Warminster Road, South      |
|                                      | { 1887 Nov. 8. }    | SYMONS, BRENTON .. .. .             | Norwood, S.E.                          |
|                                      | ✠ { 1883 Feb. 6. }  | *SZLUMPER, ALFRED WEEKS ..          | { L. & S. W. Ry., Clapham Junction,    |
|                                      | { 1890 Apr. 29. }   |                                     | S.W.                                   |
|                                      | { 1864 Dec. 6. }    | SZLUMPER, <i>Sir</i> JAMES WEEKS    | 17 Victoria Street, S.W.               |
|                                      | { 1867 May 21. }    |                                     |  |
|                                      | { 1888 Apr. 10. }   | SZLUMPER, WILLIAM WEEKS ..          | 17 Victoria Street, S.W.               |
|                                      | { 1896 Jan. 21. }   |                                     |  |
| m                                    | ✠ { 1895 Jan. 8. }  | *TABOR, EDWARD HENRY ..             | { Rotherhithe Tunnel Works, Shad-      |
|                                      | { 1903 Apr. 21. }   |                                     | well, E.                               |
|                                      | ✠ { 1891 Dec. 1. }  | *TAIT, WILLIAM ARCHER               | { Leslie & Reid, 72A George Street,    |
|                                      | { 1897 Mar. 2. }    | PORTER, B.Sc. ( <i>Edin.</i> ) ..   | Edinburgh.                             |
|                                      | { 1882 Dec. 5. }    | *TANDY, JOHN O'BRIEN .. ..          | { 4 Wellington Villas, Wellington      |
|                                      | { 1905 Mar. 28. }   |                                     | Square, Crewe.                         |
|                                      | { 1862 May 6. }     | TANNER, JOHN EDWARD, C.M.G.         | { Normanton, Marlborough Road,         |
|                                      |                     |                                     | Bournemouth.                           |
|                                      | { 1885 May 19. }    | { TANNETT-WALKER, ARTHUR            | { Leeds. (Tannett-Walker, Leeds. 515.) |
|                                      |                     | TANNETT .. .. .                     |  |
| t                                    | { 1891 Feb. 3. }    | { TANNETT-WALKER, FREDERICK         | { Leeds. (Tannett-Walker, Leeds. 515.) |
|                                      |                     | WILLIAM .. .. .                     |  |
|                                      | { 1897 Feb. 2. }    | { TAPAJÓS, TORQUATO XAVIER          | { Rua Hospicio 27, Rio de Janeiro.     |
|                                      |                     | MONTEIRO .. .. .                    |  |
|                                      | { 1875 Dec. 7. }    | TATE, JOHN .. .. .                  | Bawnmore, Whitehouse, co. Antrim.      |
|                                      | { 1879 Nov. 4. }    |                                     |  |
|                                      | ✠ { 1887 Jan. 11. } | TATTON, REGINALD ARTHUR ..          | 44 Mosley Street, Manchester.          |
|                                      | { 1891 Apr. 21. }   |                                     |  |
|                                      | { 1898 Dec. 6. }    | TAYLOR, ARTHUR .. .. .              | { Soc. Minera dos Nacionos, Posadas,   |
|                                      |                     |                                     | Cordoba, Spain.                        |
|                                      | { 1881 Feb. 1. }    | *TAYLOR, EDWARD BROUGH ..           | { 27 Great George Street, S.W.         |
|                                      | { 1890 Feb. 4. }    |                                     | (Waterage, London.)                    |
|                                      | { 1887 Apr. 5. }    | *TAYLOR, GOTFRED MIDGLEY ..         | { 27 Great George Street, S.W.         |
|                                      | { 1898 Feb. 8. }    |                                     | (Waterage, London.)                    |

| Date of Election<br>and of Transfer. |   | MEMBERS.   |  |
|--------------------------------------|---|--|--|
| 1887 Dec. 6.                         | } | *TAYLOR, HAROLD BLAKE,                                 | E. B. State Railway, Sealdah,<br>Calcutta.                                   |
| 1896 Nov. 16.                        |   | F.C.H. .. .. .   |  |
| 1869 Dec. 7.                         | } | TAYLOR, HERBERT ARNAND ..                              | 4 Great Winchester Street, E.C.  |
| 1882 Feb. 14.                        |   |  |  |
| 1880 Mar. 2.                         | } | *TAYLOR, JAMES NAAMAN ..                               | {Engineer's Office, G.W.Ry., Pad-<br>dington, W.                             |
| 1900 Jan. 30.                        |   |  |  |
| 1884 Apr. 1.                         | } | TAYLOR, JOHN .. .. .                                   | 6 Queen St. Place, E.C. (Bank 828.)  |
| 1880 Dec. 7.                         |   |  |  |
| 1899 Jan. 10.                        | } | TAYLOR, JOHN HENRY .. ..                               | Borough Surveyor, Barnsley.  |
| 1902 Dec. 2.                         |   |  |  |
| 1886 Apr. 6.                         | } | TAYLOR, JOSEPH JEX .. ..                               | 1 Victoria Street, S.W.  |
| 1896 Nov. 24.                        |   | *TAYLOR, WALTER .. .. .                                |  |
| 1889 May 7.                          | } | *TAYLOR, WILLIAM JAMES ..                              | {County Surveyor, The Castle,<br>Winchester.                                 |
| 1902 Dec. 16.                        |   |  |  |
| ✱ {1893 Mar. 7.                      | } | *TAYLOR, WILLIAM OSWALD ..                             | {Thames Bank House, Mortlake,<br>Surrey.                                     |
| 1901 Dec. 11.                        |   |  |  |
| 1886 Feb. 2.                         | } | *TEMPEST, PERCY CROSLAND ..                            | S.E. Ry., London Bridge Station, S.E.  |
| 1897 Feb. 2.                         |   |  |  |
| 1879 Mar. 4.                         | } | *TERRY, STEPHEN HARDING ..                             | {17 Victoria Street, S.W. (Crank-<br>pin, London, Westminster 75.)           |
| 1894 Nov. 20.                        |   |  |  |
| ✱ {1875 Apr. 6.                      | } | THELWALL, WALTER HAMPDEN                               | 20 Cockspur Street, S.W.   |
| 1883 May 22.                         |   |  |  |
| ✱ {1888 Dec. 4.                      | } | *THOMAS, ARTHUR DREW ..                                | {Dorada Extension Ry., Honda,<br>Colombia.                                   |
| 1903 Apr. 7.                         |   |  |  |
| 1878 Mar. 5.                         | } | THOMAS, HUBERT .. .. .                                 | 21 Surrey Street, Strand, W.C.   |
| 1889 Dec. 3.                         |   |  |  |
| 1902 Feb. 18.                        | } | THOMAS, ROBERT JOHN .. ..                              | County Surveyor, Aylesbury.  |
| 1882 Feb. 7.                         |   |  |  |
| ✱ {1887 Feb. 1.                      | } | THOMPSON, ARTHUR MOORE ..                              | L. & N. W. Ry., Crewe.   |
| 1886 May 18.                         |   |  |  |
| ✱ {1893 May 9.                       | } | *THOMPSON, HARRY JAMES ..                              | Madras Ry., Madras.  |
| 1891 Mar. 3.                         |   |  |  |
| 1899 Dec. 12.                        | } | THOMPSON, JAMES, B.E. (Queens)                         | P.W.D., Perth, Western Australia.  |
| 1894 Dec. 4.                         |   |  |  |
| ✱ {1906 Mar. 27.                     | } | *THOMPSON, JOHN .. .. .                                | Harbour Engineer, Dundee.  |
| 1890 May 6.                          |   |  |  |
| 1867 Feb. 5.                         | } | THOMPSON, ROBERT .. .. .                               | {Metropolitan Gas Co., Melbourne,<br>Victoria.                               |
| 1871 Apr. 4.                         |   |  |  |
| 1885 Feb. 24.                        | } | THOMSON, CAMPBELL .. ..                                | {Walton Lodge, Beulah Road, Tun-<br>bridge Wells.                            |
| 1895 Apr. 2.                         |   |  |  |
| 1889 May 7.                          | } | THOMSON, Professor ELIHU ..                            | Lynn, Mass., U.S.  |
| 1905 Jan. 10.                        |   |  |  |
| 1899 Feb. 7.                         | } | *THOMSON, THOMAS .. .. .                               | {Transportation Club, 42nd Street,<br>New York, U.S.                         |
| 1893 May 16.                         |   |  |  |
| 1898 Feb. 22.                        | } | *THOMSON, THOMAS FRAME ..                              | P.W.D., Greymouth, New Zealand.  |
| 1900 Jan. 9.                         |   |  |  |
| 1870 May 3.                          | } | THORNHILL, BENSLEY .. ..                               | Kashmir Ry., Srinagar, India.  |
| 1889 Apr. 2.                         |   |  |  |
| 1882 Feb. 7.                         | } | THORNHILL, EDWARD BAYLIES                              | 80 Avenue Road, N.W.   |
| 1887 May 3.                          |   |  |  |
| 1889 Apr. 2.                         | } | {THORNHILL, JOSEPH HELEN,<br>M.E. (Queen's) .. .. .}   | Patrick's Hill, Cork.  |
| 1882 Feb. 7.                         |   |  |  |
| 1887 May 3.                          | } | THORNTON, JOHN MILLER ..                               | {Govt. Rys., Uitenhage, Cape<br>Colony.                                      |
| 1873 Jan. 14.                        |   |  |  |
| ✱ {1877 Nov. 27.                     | } | {THORNYCROFT, Sir JOHN<br>ISAAC, LL.D. (Glas.), F.R.S. | {Eyot Villa, Chiswick Mall, W.<br>(Thornycroft, London. Hammer-<br>smith 6.) |
| 1893 Dec. 5.                         |   |  |  |
| ✱ {1905 Mar. 28.                     | } | *THORP, RICHARD FENWICK ..                             | Munnar, Devikolam P.O., India.   |
| 1872 May 7.                          |   |  |  |
| 1877 Dec. 11.                        | } | *THOROWGOOD, FRANK NAPIER                              | e.o. H. S. King & Co., Pall Mall, S.W.                                       |
| 1890 Dec. 2.                         |   |  |  |
| ✱                                    | } | THOW, WILLIAM .. .. .                                  | Govt. Rys., Sydney, N.S.W.   |
|                                      |   |  |  |

| Date of Election<br>and of Transfer. | MEMBERS.   |
|--------------------------------------|--|
| 1886 May 4.}                         | THROPP, JAMES .. .. 27 The Bail, Lincoln.  |
| 1889 Jan. 8.}                        |  |
| 1904 Dec. 6.}                        | THUMAN, FREDERIC .. .. 38 Victoria Street, S.W.  |
| 1869 Dec. 7.}                        | THWAITES, CHRISTOPHER .. Burnell Road, Sutton, Surrey.                                     |
| 1876 Apr. 4.}                        |  |
| 1898 Apr. 5.}                        | THWAITES, HENRY .. .. {3 Prince of Wales Mansions, Batter-<br>sea Park, S.W.               |
| 1887 Dec. 6.}                        | {THWAITES, WILLIAM, M.A.}  |
| 1889 Nov. 5.}                        | {(Melb.) (former Member of<br>Council.) .. .. } Board of Works, Melbourne, Victoria.       |
| 1898 Apr. 5.}                        | TICKELL, CHARLES .. .. 17 Chanier Road, Bedford.   |
| 1887 Dec. 2.}                        |  |
| 1901 Apr. 2.}                        | *TICKELL, RICHARD EUSTACE . Colombo Drainage, Ceylon.                                      |
| 1888 Feb. 7.}                        | TILNEY, JOHN DEANE, I.S.O. . 58 Chaucer Road, Bedford.                                     |
| 1891 Dec. 1.}                        |  |
| 1894 Oct. 16.}                       | TIMME, GEORGE ADOLPHUS .. 37 Egerton Park Road, Bexhill.                                   |
| 1889 Dec. 3.}                        |  |
| 1898 Nov. 29.}                       | TIMMINS, JOSEPH .. .. Gasworks, Wigan.   |
| 1881 Apr. 5.}                        |  |
| 1888 May 8.}                         | TIMMIS, ILLIUS AUGUSTUS .. 2 Great George Street, S.W.                                     |
| 1877 Apr. 10.}                       | *TINGLE, HENRY JOHN .. .. {31 Old Queen St., Westminster, S.W.<br>(Piezometer, London.)    |
| 1895 Feb. 12.}                       |  |
| 1893 May 2.}                         | *TIPPETT, ARTHUR MAY .. Govt. Rys., Cape Town, C.C.  |
| 1906 Jan. 9.}                        |  |
| 1884 May. 6.}                        | TISDALL, CHARLES JEROME,}  |
| 1900 Dec. 19.}                       | B.A. (Dubl.) .. .. } G. I. P. Ry., Bombay.   |
| 1903 Mar. 3.}                        | TODD, REGINALD ROBERT .. 54 Aberdare Gardens, N.W.   |
| 1889 Jan. 8.}                        |  |
| 1902 Apr. 15.}                       | TOMALIN, HERBERT FREDERICK P.W.D., Colombo, Ceylon.  |
| 1889 May 7.}                         | TOMKINS, WILLIAM STEELE .. {Broughton House, near Stockbridge,<br>Hants.                   |
| 1885 Apr. 14.}                       | *TOMLINSON, SAM .. .. Gresham House, Singapore, S.S.                                       |
| 1891 Nov. 9.}                        |  |
| 1890 Feb. 4.}                        | *TOPP, AUGUSTUS WORTHINGTON {F. Topp, Rothwells, Little Hulton,<br>Bolton.                 |
| 1895 Feb. 5.}                        | *TOWER, WILLIAM .. .. {C. S. A. Rys., Johannesburg, Trans-<br>vaal.                        |
| 1899 Nov. 28.}                       |  |
| 1885 Jan. 13.}                       | TOWNSEND, HARRY .. .. St. John's Villa, Wakefield.   |
| 1905 Jan. 10.}                       |  |
| 1886 Mar. 2.}                        | TRAILL, THOMAS WILLIAM .. 40 The Chase, Clapham Common, S.W.                               |
| †{1897 Apr. 6.}                      | *TRENCH, ERNEST FREDERIC} Drentagh, Hollycroft Avenue,                                     |
| {1904 Feb. 16.}                      | CROSBIE, M.A., B.A.I. (Dubl.)} Hampstead, N.W.   |
| 1874 Feb. 3.}                        | TRENCH, LOUIS, B.A. (Cantab.)} L. & N. W. Ry., Engineer's Office,<br>Euston, N.W.          |
| 1879 Mar. 25.}                       |  |
| 1887 Dec. 6.}                        | TREERY, CHARLES ALFRED .. {Bahia Blanca and N. W. Ry., 564<br>Cangallo, Buenos Aires.      |
| 1892 Nov. 8.}                        |  |
| 1905 Dec. 5.}                        | TREVITHICK, ARTHUR REGINALD Deva House, Crewe.   |
| †{1879 Dec. 2.}                      | TREVITHICK, FRANCIS HENRY} 14 St. Aubyn's Road, Upper Nor-<br>wood, S.E.                   |
| {1887 May 10.}                       |  |
| 1881 Apr. 5.}                        | TREVITHICK, FREDERICK HARVEY} Loco. Supt., Egyptian Railways,<br>Cairo. [ampton.           |
| 1891 May 12.}                        |  |
| 1885 May 5.}                         | TREVITHICK, RICHARD FRANCIS Kingsley, Westwood Road, South-                                |
| 1883 Dec. 4.}                        |  |
| 1897 Dec. 21.}                       | TREVITHICK, ROBERT LOWTHIAN 4 Albert Road, Clifton, Bristol.                               |
| †{1866 Mar. 6.}                      | TREWBY, GEORGE CARELESS .. {Fenton House, The Grove, Hamp-<br>stead Heath, N.W.            |
| {1875 Apr. 27.}                      |  |
| 1904 Mar. 1.}                        | TREWENT, FRANCIS JAMES .. {43 Billiter Buildings, Billiter Street,<br>E.C.                 |
| †{1877 Dec. 4.}                      | TRIPP, WILLIAM BLOMEFIELD Spring Grove, Isleworth.   |
| {1883 Nov. 29.}                      |  |
| 1893 Mar. 7.}                        | TRITTON, SEYMOUR BISCOE .. {Sir Alexander Rendel, K.C.I.E.,<br>8 Great George Street, S.W. |
| 1896 Apr. 21.}                       |  |
| T t †{1883 Mar. 6.}                  | *TROTTER, ALEXANDER PELHAM,} Board of Trade, 8 Richmond Ter-<br>race, Whitehall, S.W.      |
| {1901 Dec. 17.}                      | B.A. (Cantab.) .. .. }   |



Date of Election  
and of Transfer.

## MEMBERS.

|                  |                 |  |  |
|------------------|-----------------|--|--|
|                  | 1883 Dec. 4.}   | *TRUMP, JOHN .. .. .   | Kuala Lumpur, Selangor, S.S.   |
|                  | 1896 Nov. 16.}  |  |  |
|                  | 1892 Dec. 6.}   | *TRYE, CHARLES BRANDON ..  | 3 Buckstone Drive, Rawdon, Leeds.  |
|                  | 1906 Jan. 9.}   |  |  |
|                  | 1890 Dec. 2.}   | TUCKEY, THOMAS WILLIAM   | Govt. Rys., Tientsin, China.   |
|                  | 1900 Dec. 19.}  | TOWNSEND, B.E. ( <i>Royal</i> ) ..   |  |
|                  | 1891 Dec. 1.}   | TUDHOPE, ALFRED DRYDEN ..  | P.O. Box 349, Port Elizabeth, C.C.   |
|                  | 1904 Feb. 16.}  |  |  |
| m ✕              | {1885 Dec. 1.}  | *TUDSBERY, JOHN HENRY  | The Institution of Civil Engineers,<br>Great George Street, S.W. (Insti-<br>tution, London. Westminster 51.) |
|                  | {1892 Mar. 22.} | TUDSBERY, D.Sc. ( <i>Glas.</i> ) ..<br>( <i>Secretary.</i> )   |  |
|                  | 1881 Dec. 6.}   | *TULLOCH, FREDERICK HERBERT  | Local Government Board, S.W.   |
|                  | 1894 Feb. 27.}  |  |  |
|                  | 1900 Dec. 4.}   | TURNBULL, WALTER JAMES ..  | {Chief Engineer, B. & N. W. Ry.,<br>Gorakhpur, India.  |
|                  | 1866 May 15.}   | TURNER, WILLIAM BARROW ..  | Ponsonby Hall, Carnforth.  |
|                  | 1877 Jan. 16.}  |  |  |
|                  | 1890 May 6.}    | TWEEN, CHARLES NELSON ..   | {Goddards, Widford, near Ware,<br>Herts.   |
|                  | 1904 Apr. 12.}  |  |  |
|                  | 1902 Mar. 4.}   | TWENTYMAN, JAMES ROBERT  | {Farnham, Boyd & Co., Shanghai,<br>China.  |
| ✕                | {1869 Dec. 7.}  | TWIGG, ROBERT HARKNESS ..  |  |
|                  | {1879 Feb. 25.} |  |  |
|                  | 1891 Jan. 13.}  | *TWINBERROW, JOHN WULSTAN  | Long Newton Reservoir, Darlington.   |
|                  | 1901 Feb. 5.}   |  |  |
|                  | 1881 Dec. 6.}   | TYLER, JOHN FRANKLYN ..  | Bromheulog, Llansilin, Oswestry.   |
|                  | 1890 May 6.}    | *TYNDALE, WALTER CLIFFORD  | Horseguards, Whitehall, S.W.   |
|                  | 1896 Nov. 24.}  |  |  |
|                  | 1877 Apr. 10.}  | *TYRRELL, ARTHUR WILLIAM   | 1 Victoria Street, S.W.  |
|                  | 1880 Mar. 16.}  | NAIRNE .. .. .   |  |
|                  | 1880 May 4.}    | *TYRRELL, LEWIS GORDON ..  | {59 Albany Mansions, Albert Bridge<br>Road, S.W.   |
|                  | 1885 Dec. 8.}   |  |  |
| m                | {1880 Dec. 7.}  | *TYSOE, JOSEPH .. .. .   | {South Metropolitan Gasworks, East<br>Greenwich, S.E.  |
|                  | {1897 Nov. 30.} |  |  |
|                  | 1897 Mar. 2.}   | UHAGON Y VEDIA, PEDRO  | Real Compañia, Asturiana, Aviles,<br>Spain.  |
|                  |                 | PASCUAL DE .. .. .   |  |
|                  | 1865 Dec. 5.}   | UNWIN, HOWARD .. .. .  | 1 Newton Grove, Bedford Park, W.   |
|                  | 1876 Dec. 19.}  |  |  |
| T t S<br>W L F ✕ | {1867 Feb. 5.}  | UNWIN, <i>Professor</i> WILLIAM  | 7 Palace Gate Mansions, Kensing-<br>ton, W.  |
|                  | {1877 Oct. 30.} | CAWTHORNE, B.Sc. ( <i>Lond.</i> ),<br>LL.D. ( <i>Edin.</i> ), F.R.S. ( <i>Mem-<br/>ber of Council.</i> ) .. .. . |  |
|                  | 1872 Dec. 3.}   | UPCOTT, Sir FREDERICK  | Chairman, Indian Railway Board with<br>Govt. of India, <i>via</i> Bombay.                                    |
|                  | 1879 Nov. 11.}  | ROBERT, K.C.V.O., C.S.I.<br>( <i>former Member of Council.</i> )   |  |
|                  | 1886 Feb. 2.}   | USSIER, EDGEWORTH RICHARD  | Dunedin, Otago, N.Z.   |
|                  | 1877 Mar. 6.}   | *VALENTINE, FREDERICK ..   | King Staith Square, King's Lynn.   |
|                  | 1886 Mar. 8.}   |  |  |
|                  | 1874 May 5.}    | VALPY, HENRY VALPOT FRANCIS  | 14 Victoria Street, S.W.   |
|                  | 1880 Feb. 3.}   | *VAUDREY, JOHN CLOUGH ..   | {71 Westfield Road, Edgbaston, Bir-<br>mingham. (3539.)  |
|                  | 1893 May 9.}    |  |  |
|                  | 1903 Apr. 21.}  | VAUGHAN, JOHN .. .. .  | Balaclava House, Dowlais.  |
|                  | 1892 May 3.}    | VAUGHAN, RICHARD WYNDHAM   | {Dunmore, St. Catherine's Road,<br>Southbourne, Christchurch, Hants.   |
|                  | 1898 Dec. 6.}   | VAUGHAN, WILLIAM STEAINS   | {Cail's Buildings, Quayside, New-<br>castle-on-Tyne.   |
|                  | 1894 Jan. 9.}   | *VAUGHAN-LEE, ALEC GEORGE  | Admiralty Harbour Works, Dover.  |
|                  | 1903 Feb. 10.}  |  |  |



| Date of Election<br>and of Transfer. |                                     | MEMBERS. |  |
|--------------------------------------|-------------------------------------|----------|--|
| 1875 May 4.                          | VAVASSEUR, JOSIAH, C.B.             | ..       | { Rothbury, Blackheath Park, S.E.<br>(Exemplar, London.)                 |
| 1890 Apr. 1.                         | VECCHIO, ADOLPHO JOSÉ DEL           |          | { Rua Evaristo da Veiga 9, Rio de<br>Janeiro.                            |
| 1893 May 16.}                        | VERNON, CHARLES EDWARD              | ..       | { Dock House, 109 Leadenhall Street,<br>E.C.                             |
| 1903 Dec. 22.}                       | VERNON - HARCOURT, LEVESON          |          |  |
| TSt m ✱ { 1865 Dec. 5.}              | FRANCIS, M.A. ( <i>Oxon.</i> )      | ..       | { 6 Queen Anne's Gate, S.W.  |
| 1871 Dec. 19.}                       | VICKERS, THOMAS EDWARD              | ..       | { River Don Works, Sheffield.  |
| 1889 Feb. 5.}                        | VISVESVARAYA, MOKSHAGUN-            |          | { Bombay P.W.D., Poona, India.   |
| 1887 May 3.}                         | DAM, B.A. ( <i>Madras</i> )         | .. ..    |  |
| 1904 Dec. 13.}                       |                                     |          |  |
| 1906 Apr. 10.                        | WADDELL, JAMES                      | .. ..    | { 15 Moray Place, Glasgow.   |
| 1883 Feb. 6.}                        | WADDELL, JOHN ALEXANDER             |          | { Gibraltar Building, Kansas City,<br>Mo., U.S.                          |
| 1899 Nov. 28.}                       | Low, D.Sc., Ma.E. ( <i>McGill</i> ) |          |  |
| 1890 Dec. 2.}                        | WADDELL, WILLIAM                    | .. ..    | { 5 Romilly Road, Barry, Cardiff.  |
| 1906 Jan. 9.}                        | WADDINGTON, JOSHUA ARTHUR           |          | { Town Hall, Marylebone, W.  |
| 1893 May 16.}                        | PAGET                               | .. ..    |  |
| 1901 Mar. 5.}                        | WADE, LESLIE AUGUSTUS               |          | { P.W.D., Sydney, N.S.W.   |
| 1889 Dec. 3.}                        | BURTON                              | .. ..    |  |
| 1905 Dec. 19.}                       |                                     |          |  |
| 1853 Dec. 6.}                        | WADHAM, EDWARD                      | .. ..    | { Millwood, Dalton-in-Furness.   |
| 1866 Dec. 17.}                       | *WADHAM, WALTER FRANCIS             |          | { Millwood, Dalton-in-Furness.   |
| 1891 Feb. 3.}                        | AINSLIE, M.A. ( <i>Cantab.</i> )    | ..       |  |
| 1901 Feb. 19.}                       | WAIGHT, EARLE ROBERTS               | ..       | { Eng.'s Office, S.E. & C. Ry., London<br>Bridge, S.E.                   |
| 1899 Dec. 5.}                        | WAIN, EDWARD BROWNFIELD             |          | { Norton - in - the - Moors, Stoke-on-<br>Trent.                         |
| 1905 Feb. 7.}                        |                                     |          |  |
| t ✱ { 1891 May 5.}                   | WAINWRIGHT, HARRY SMITH..           |          | { Loco. Dept., S.E. & C. Ry., Ashford.                                   |
| 1895 May 14.}                        |                                     |          |  |
| 1897 Apr. 6.}                        | WAKE, HENRY HAY                     | .. ..    | { River Wear Commission, Sunderland.<br>(126.)                           |
| 1904 Apr. 19.}                       | WAKEFORD, EDWARD                    | .. ..    |  |
| 1870 May 24.}                        | WAKELAM, HENRY TITUS                | ..       | { County Surveyor, Guildhall, West-<br>minster, S.W. (Westminster, 218). |
| 1874 Mar. 10.}                       |                                     |          |  |
| 1905 Mar. 7.}                        | WALCH, GEORGE TURNER                | ..       | { Alexandra Chambers, 7 King Street,<br>St. James's, S.W.                |
| 1883 Dec. 4.}                        | WALKER, CHARLES RITCHIE             | ..       | { Ash Lodge, Gloucester Road, Upper<br>Teddington.                       |
| 1901 Dec. 11.}                       |                                     |          |  |
| 1875 Dec. 7.}                        | WALKER, CHARLES ROBERT              | ..       | { 25 Victoria Street, S.W.   |
| 1860 Mar. 6.}                        |                                     |          |  |
| 1881 Apr. 5.}                        | WALKER, GEORGE BLAKE                | ..       | { Tankersley Grange, near Barnsley.                                      |
| 1877 May 29.}                        |                                     |          |  |
| 1894 Jan. 30.}                       |                                     |          |  |
| t ✱ { 1889 May 7.}                   |                                     |          |  |
| 1896 Dec. 1.}                        |                                     |          |  |
| 1885 Apr. 14.                        | WALKER, JAMES, F.R.S.E.             | ..       | { Tyne Commission, Newcastle-on-<br>Tyne. [on-Tyne.                      |
| 1896 Apr. 14.                        | WALKER, JOHN                        | .. ..    | { Robert Stephenson & Co., Newcastle-                                    |
| 1895 Jan. 8.                         | WALKER, JOHN SCARISBRICK..          |          | { Walker Bros., Ironworks, Wigan.  |
| 1894 Feb. 6.}                        | WALL, BENSON PARSICK                | ..       | { Box 1121, Johannesburg, Transvaal.                                     |
| 1904 Dec. 13.}                       |                                     |          |  |
| 1881 Dec. 6.}                        | WALLACE, JAMES                      | .. ..    | { The Brake, Stravithie, Fife, N.B.                                      |
| 1898 Dec. 6.}                        | *WALLACE, JOHN FINDLEY              | ..       | { Illinois Central Rld., Chicago, U.S.                                   |
| 1897 Dec. 7.}                        | *WALLER, JOHN EDWARD                | ..       | { 29 Great George Street, S.W. (Kin-<br>caid, London. Westminster 11.)   |
| 1882 Mar. 7.}                        |                                     |          |  |
| 1891 Nov. 3.}                        | WALLIS, BERESFORD GAHAN             | ..       | { United Service Club, Simla, Punjab.                                    |
| 1882 May 23.}                        | WALLIS, HERBERT                     | .. ..    | { 239 Drummond St., Montreal, Canada.                                    |
| 1897 Feb. 2.}                        | WALMISLEY, ARTHUR THOMAS            |          | { 9 Victoria Street, S.W. (Workable,<br>London.)                         |
| 1880 Jan. 13.}                       |                                     |          |  |
| 1874 Apr. 14.}                       |                                     |          |  |
| 1886 Nov. 2.}                        |                                     |          |  |

| Date of Election<br>and of Transfer. |                  | MEMBERS.  |  |
|--------------------------------------|------------------|---|--|
| T t                                  | 1883 Feb. 6.     | WALSH, HENRY DEANE,   | } Harbour Trust, Sydney, N.S.W.  |
|                                      | 1889 Nov. 5.     | B.A.I. ( <i>Dubl.</i> ) .. ..   |  |
|                                      | 1894 Mar. 6.     | *WALTON, ALFRED HENRY ..  | { 92 Queen's Road, Brownswood Park,<br>N.                                    |
|                                      | 1901 Feb. 12.    |   |  |
|                                      | 1876 Dec. 5.     | { WALTON, FREDERICK THOMAS<br>GRANVILLE, C.I.E. .. ..                       | c.o. Grindlay & Co., Parliament Street,<br>S.W.                              |
| t                                    | 1867 Dec. 3.     | WALTON, JAMES BIRDSALL ..   | { 12 Little College Street, Westmin-<br>ster, S.W.                           |
|                                      | 1881 May 3.      |   |  |
|                                      | *{ 1885 Dec. 1.  | *WANKLYN, FREDERIC LUMB ..  | { Dominion Coal Co., Montreal,<br>Canada.                                    |
|                                      | 1898 Nov. 29.    |   |  |
|                                      | 1896 Feb. 4.     | WARBRICK, JOHN JAMES ..   | { Sir John Jackson, 53 Victoria Street,<br>S.W.                              |
| t                                    | *{ 1883 Mar. 6.  | WARD, HENRY .. .. .   | 110 Cannon Street, E.C.  |
|                                      | 1894 May 22.     |   |  |
|                                      | 1876 May 2.      | WARD, HENRY THOMAS  | { Director of Irrigation, Colombo,<br>Ceylon.                                |
|                                      | 1899 Mar. 23.    | SIMPSON .. .. .   |  |
|                                      | 1888 May 1.      | WARD, JOHN .. .. .  | Borough Engineer, Derby.   |
|                                      | 1901 Dec. 11.    |   |  |
|                                      | 1880 Jan. 13.    | WARD, REGINALD FOSTER ..  | Fellside House, Hexham.  |
|                                      | 1882 Nov. 7.     |   |  |
|                                      | 1896 Jan. 14.    | *WARD, THOMAS ROBERT JOHN,  | { King, King & Co., Bombay.  |
|                                      | 1906 Apr. 24.    | C.I.E. .. .. .  |  |
|                                      | 1887 Dec. 6.     | WARDALE, JOHN DOBSON ..   | { 3 Walker Terrace, Gateshead-on-<br>Tyne. (Wardale, Gateshead.)             |
|                                      |                  |   |  |
|                                      | 1885 Dec. 1.     | WARDEN, HOWARD WILLIAM  | { Temington Heath, Moreton-in-<br>Marsh, Glos.                               |
|                                      | 1887 Mar. 1.     | WARD-SMITH, WILLIAM ..  |  |
|                                      | 1873 Apr. 1.     | WARE, CHARLES EDWIN ..  | 18 Bedford Circus, Exeter.   |
|                                      | 1880 Feb. 17.    |   |  |
| t                                    | 1887 Dec. 6.     | { WARING, CHARLES EDWARD<br>DELANCY .. .. .                                 | { 1 Great Chapel St., Westminster, S.W.<br>12 Dean's Yard, Westminster, S.W. |
|                                      | *{ 1875 Apr. 6.  | WARING, FRANCIS JOHN, C.M.G.  |  |
|                                      | 1879 Feb. 18.    |   | (Gregory, London. Westminster<br>358.)                                       |
|                                      | *{ 1872 Dec. 3.  | WARING, HENRY ROBERT ..   | 127 San Miguel, Palma, Mallorca.   |
|                                      | 1877 Dec. 4.     | WARREN, <i>Professor</i> WILLIAM  |  |
| S t                                  | 1887 Feb. 8.     | HENRY .. .. .   | University, Sydney, N.S.W.   |
|                                      |                  |   |  |
|                                      | 1905 Jan. 10.    | WATKINSON, WILLIAM HENRY  | { Walker Engineering Laboratories,<br>University, Liverpool.                 |
|                                      | *{ 1894 Dec. 4.  | *WATSON, GEORGE .. .. .   |  |
|                                      | 1906 Feb. 6.     |   | { Waterworks Engineer, Town Hall,<br>Bradford.                               |
|                                      | *{ 1875 May 4.   | WATSON, JAMES .. .. .   |  |
|                                      | 1885 Jan. 20.    |   | Tyburn, near Birmingham.   |
|                                      | 1886 May 18.     | *WATSON, JOHN DUNCAN ..   |  |
|                                      | 1905 Apr. 4.     |   | { The Admiralty, S.W.  |
|                                      | 1901 Apr. 23.    | { WATTS, <i>Sir</i> PHILIP, K.C.B.,<br>LL.D. ( <i>Glas.</i> ), F.R.S. .. .. |  |
| t                                    | *{ 1868 Jan. 14. | WAWN, CHARLES .. .. .   | Tan-y-Gareg, near Carnarvon.   |
|                                      | 1877 May 8.      |   |  |
|                                      | 1878 Jan. 15.    | WEAVER, WILLIAM .. .. .   | Town Hall, Kensington, W.  |
|                                      | 1892 Feb. 9.     |   |  |
|                                      | 1895 Mar. 5.     | WEBB, ARTHUR LEWIS,   | { P.W.D., Cairo, Egypt.  |
|                                      | 1901 June 26.    | C.M.G., F.C.H. .. ..  |  |
|                                      | 1901 Mar. 5.     | WEBB, HARRY HOWARD ..   | { Consolidated Gold Fields, Johannes-<br>burg, Transvaal.                    |
|                                      |                  |   |  |
|                                      | 1892 Dec. 6.     | WEBSTER, HENRY, B.A.I. ( <i>Dubl.</i> )                                     | County Surveyor, Wexford.  |
|                                      | 1894 Nov. 27.    |   |  |
| T t                                  | 1876 Feb. 1.     | WEBSTER, JOHN .. .. .   | 32 Drowton Street, Bradford.   |
|                                      | 1889 Jan. 29.    |   |  |
|                                      | *{ 1879 Feb. 4.  | WEBSTER, JOHN JAMES ..  | { 39 Victoria Street, S.W. (Victoria<br>1574).                               |
|                                      | 1886 May 11.     |   |  |
|                                      | 1876 Mar. 7.     | WEEDON, JOHN FRANCIS ..   | Klerksdorp, Transvaal.   |
|                                      | 1890 Jan. 21.    |   |  |

| Date of Election<br>and of Transfer.  | MEMBERS.  |  |
|---------------------------------------|---|--|
| † { 1888 Dec. 4. }<br>1894 Oct. 30. } | *WEIGHTMAN, WALTER JAMES  | { c.o. H. S. King & Co., 65 Cornhill,<br>E.C.  |
| 1884 Feb. 5. }                        | *WEIR, THOMAS DUNCAN,   | { 564 Cangallo, Buenos Aires.  |
| 1897 Nov. 30. }                       | B.Sc. (Glas.) .. .. }   |  |
| 1881 Feb. 1. }                        | WELBY, RICHARD FLINT .. .. }  | { Ravenhurst, Cockington, Torquay.   |
| 1904 Feb. 2. }                        | WELCH, JOHN JOSEPH .. .. }  | { Highfield Road, Rock Ferry,<br>Cheshire. [chester.   |
| † 1872 May 7. }                       | WELLS, LIONEL BURY .. .. }  | { 75 Haworth's Bldgs., 5 Cross St., Man-   |
| 1879 Feb. 4. }                        | WELLSTED, WILLIAM HENRY   | { Prince's Dock Chambers, Hull.  |
| 1903 Apr. 7. }                        | WENDEN, HENRY CHARLES }   | { G. I. P. Ry., Victoria Terminus, Bom-  |
| 1869 Dec. 7. }                        | EDWARD, C.I.E. .. .. }  | { bay.   |
| 1891 May 5. }                         | WEST, ARTHUR ANDERSON .. .. }   | { Clyst House, Theydon Bois Road, nr.<br>Epping.   |
| † 1885 Dec. 1. }                      | WEST, HENRY HARTLEY .. .. }   | { 5 Castle Street, Liverpool. (Referee,<br>Liverpool.)   |
| 1884 May 6. }                         | WEST, JOHN .. .. }  | { The Firs, Park Road, Southport.  |
| 1872 May 14. }                        | *WESTERN, CHARLES ROBERT .. .. }  | { Broadway Chambers, Westminster,<br>S.W. (Donbowes, London. West-                                   |
| 1879 May 27. }                        | WESTHOFEN, WILHELM .. .. }  | { minster 199.)  |
| 1877 Apr. 10. }                       | WESTON, EDMUND BROWNELL   | { Southfield House, Plumstead, C.C.  |
| 1896 Feb. 11. }                       | WESTMACOTT, PERCY GRAHAM  | { 135 George Street, Edinburgh.  |
| † 1878 Jan. 15. }                     | BUCHANAN .. .. }  | { Rose Mount, Sunninghill, Berks.  |
| 1861 May 28. }                        | WESTON, EDMUND BROWNELL   | { Providence, Rhode Island, U.S.   |
| 1889 Feb. 5. }                        | WHALE, GEORGE .. .. }   | { L. & N. W. Ry., Crewe.   |
| 1886 Apr. 6. }                        | WHEELER, WILLIAM HENRY .. .. }  | { Boston, Lines. (Wheeler, Boston.)  |
| † 1867 Dec. 3. }                      | WHILE, JAMES MORGAN .. .. }   | { Haematite Steel Co., Barrow-in-<br>Furness.  |
| 1899 Dec. 5. }                        | WHIPHAM, ARTHUR HENRY .. .. }   | { Cleveland Lodge, Leamington.   |
| 1872 Apr. 9. }                        | WHITAKER, WILLIAM BUTLER  | { 9 Vanbrugh Park Road West, Black-  |
| 1878 Apr. 30. }                       | WHITCOMBE, CHARLES PALMER   | { Durward House, 31 Kensington<br>Court, W.  |
| 1882 Dec. 5. }                        | WHITE, ALFRED EDWARD .. .. }  | { City Engineer, Hull.   |
| 1896 May 5. }                         | WHITE, ALFRED GEORGE .. .. }  | { c.o. J. F. Warner, 11 Queen Vic-<br>toria Street, E.C.   |
| 1879 Dec. 2. }                        | WHITE, CHARLES ARTHUR .. .. }   | { c.o. H. S. King & Co., Pall Mall, S.W.   |
| 1892 Feb. 16. }                       | *WHITE, GEORGE GILBERT .. .. }  | { P. W. Secretariat, Mount Abu,<br>Rajputana, India.   |
| 1881 Feb. 1. }                        | WHITE, GUILLERMO .. .. }  | { 926 Calle Libertad, Buenos Aires.  |
| 1885 Feb. 3. }                        | WHITE, RICHARD SAXTON .. .. }   | { c.o. Sir W. G. Armstrong, Whit-<br>worth and Co., Newcastle-on-Tyne.                               |
| 1905 Jan. 10. }                       | WHITE, ROBERT .. .. }   | { 66 Belsize Park Gardens, N.W.<br>(Brentesia, London.)  |
| 1870 Jan. 11. }                       | WHITE, WILLIAM HENRY .. .. }  | { Town Hall Buildings, Oxford.   |
| 1872 Feb. 6. }                        | { WHITE, Sir WILLIAM HENRY,<br>K.C.B., D.Sc. (Cantab.),<br>LL.D. (Glas.), F.R.S. (Past-<br>President, Member of Council.) } | { Cedarcroft, Bristol Gardens, Putney<br>Heath, S.W. (White, Cedarcroft,<br>Rochampton. Putney 276.) |
| † 1882 Feb. 7. }                      | *WHITEHOUSE, Sir GEORGE, K.C.B.   | { Central Argentine Buildings,<br>Buenos Aires, Argentina.   |
| 1882 Dec. 5. }                        | WHITELEY, JOHN JOSEPH .. .. }   | { Binny & Co., Madras.   |
| 1892 Feb. 23. }                       | WHITING, JAMES EDWARD, }  | { Cromwell House, Trumpington,<br>Cambridge.   |
| 1885 Dec. 1. }                        | M.A. (Cantab.) .. .. }  |  |
| 1900 Mar. 26. }                       |   |  |
| 1866 Apr. 10. }                       |   |  |
| 1874 Dec. 22. }                       |   |  |



| Date of Election<br>and of Transfer.   | MEMBERS.  |   |
|--|---|---|
| ✱ { 1874 May 5.<br>1891 Dec. 8.<br>1885 May 5.<br>1871 Apr. 4.<br>1879 Dec. 23.<br>1877 Feb. 6.<br>1877 Oct. 30. } | WHITLEY, HENRY MICHELL ..<br>WHITTEMORE, DON JUAN ..<br>WHITTLE, JAMES HENRY ..<br>WHITTY, IRWINE JOHN .. | { 28 Victoria Street, S.W. (Broad-<br>gauge, London.) [U.S.A.<br>Milwaukee & St. Paul Ry., Chicago,<br>Canella, Ealing, W.<br>24 Rokeby Avenue, Redland, Bristol. |
| ✱ 1883 May 29.   | WHYTE, PETER .. ..  | { Dock Office, Leith. (Whyte, Docks,<br>Leith.)   |
| 1888 Jan. 10.)*  | WHYTE-BUTLER, ARTHUR ..   | { The Chalet, Beddgelert, Carnarvon.  |
| 1905 Jan. 10.}   | HENRY .. .. .   | {   |
| 1889 Feb. 5.   | WICKSTEED, JOSEPH HARTLEY   | Well House Foundry, Leeds.  |
| 1892 Apr. 5.   | WIGRAM, REGINALD .. ..  | { Allerton House, Chapel Allerton,<br>Leeds.  |
| 1881 Jan. 11.}   | WIKE, CHARLES FROGGATT ..   | { City Surveyor, Town Hall, Sheffield.  |
| 1890 Nov. 11.}   | WILCOX, ERNEST SHEPLEY ..   | { Wirral Railway, New Brighton,<br>Cheshire.  |
| 1904 Jan. 12.)*  | WILDEBLOOD, HENRY SEDDON  | { Suptg. Eng., P.W.D., Allahabad,<br>India.   |
| 1905 Dec. 5.   | WILKINSON, GEORGE BECK ..   | { Contractor's Office, Tyne Pier Works,<br>Tynemouth.   |
| 1887 Feb. 1.}  | WILKINSON, JAMES PICKLES ..   | { 301 Corn Exchange Chambers,<br>Cathedral Street, Manchester.  |
| 1905 Jan. 10.}   | WILLCOCKS, GEORGE WALLER  | { Redthorn, Rodway Road, Rochamp-<br>ton.   |
| 1873 May 20.}  | WILLCOCKS, JOHN .. .. .   | { Kotah, Rajputana, India.  |
| 1880 Feb. 24.}   | WILLCOCKS, JOHN .. .. .   | {   |
| T t ✱ {  | 1885 Dec. 1.} WILLCOCKS, Sir WILLIAM,   | { Daira Sania Co., Cairo.   |
| 1887 Apr. 19.}   | K.C.M.G. .. .. .  | {   |
| 1883 Feb. 6.}  | *WILLCOX, JOSEPH EDWARD ..  | { 15 Victoria Street, S.W.  |
| 1905 Dec. 19.}   | *WILLET, ARCHIBALD WILLIAM  | { L. & N. W. Ry., 9 Walton's Parade,<br>Preston.  |
| 1895 Mar. 5.   | WILLIAMS, ALFRED .. ..  | { Penhurst Park, Hurstville, Sydney,<br>N.S.W.  |
| 1895 Dec. 3.}  | WILLIAMS, CHARLES BEYNON  | { Mayo Lodge, Lower Mall, Lahore.   |
| 1905 Dec. 19.}   | WILLIAMS, CYRUS JOHN  | { Lyttelton Harbour Board, Christ-<br>church, N.Z.  |
| ✱ {  | 1902 Dec. 16.} RICHARD .. .. .  | {   |
| ✱ 1860 Feb. 7.}  | WILLIAMS, Sir EDWARD LEADER<br>(Vice-President.)  | { The Oaks, Altrincham, Cheshire.   |
| ✱ 1879 Mar. 4.}  | { WILLIAMS, GEORGE PHIPPS,<br>B.A. (Cantab.) .. .. .  | { Upper Riccarton, Christchurch, N.Z.   |
| 1886 Feb. 2.}  | *WILLIAMS, GILBERT PERCY ..   | { 14 Victoria Street, S.W.  |
| 1900 Dec. 19.}   | WILLIAMS, JOHN AVERY BRANTON  | { Bloomfield, Caterham Valley,<br>Surrey.   |
| 1855 May 22.}  | WILLIAMS, MORGAN BRANSBY  | { Killay House, Swansea.  |
| 1861 Jan. 15.}   | *WILLIAMS, MORGAN IVAN MAN-<br>DERSTJERNA, M.A. (Cantab.)   | { 39 Victoria Street, S.W.  |
| 1885 Dec. 1.}  | WILLIAMS, WILLIAM HUGH ..   | { L. & N. W. Ry., Watford.  |
| 1901 Feb. 16.}   | WILLIAMS, WILLIAM RICHARDS,   | { Irrigation Dept., Alexandria, Egypt.  |
| 1890 Dec. 2.}  | F.C.H. .. .. .  | {   |
| 1898 Feb. 22.}   | *WILLIAMSON, FRANCIS STUART   | { 257 Broadway, New York, U.S.  |
| 1896 Apr. 14.}   | { WILLIAMSON, ROBERT  | { Cannock Wood House, Hednesford,<br>Staffs.  |
| 1906 Feb. 20.}   | { SUMMERSIDE .. .. .  | {   |
| 1897 Apr. 6.}  | *WILLIS, HARRY ATCHISON ..  | { F. C. Central Cordoba, Cordoba,<br>Argentina.   |
| 1901 Jan. 15.}   | WILLMOT, JOSEPH WILLIAM ..  | { 41 Tufnell Park Road, N.  |
| 1900 Apr. 3.}  |   | {   |
| 1890 Apr. 1.}  |   | {   |
| 1902 Dec. 2.}  |   | {   |
| 1903 Feb. 3.   |   | {   |



| Date of Election<br>and of Transfer. |   | MEMBERS.                           |  |  |
|--------------------------------------|---|------------------------------------|--|--|
| 1888 Jan. 10.                        | } | WILLOX, WILLIAM,                   | } L. B. & S. C. Ry., East Croydon.                                 |  |
| 1896 Dec. 22.                        |   | M.A. ( <i>Aberd.</i> ) .. ..       |  |  |
| 1877 May 1.                          | } | *WILMER, HORACE .. ..              | } G. E. Ry., Stratford.  |  |
| 1888 Jan. 17.                        |   |                                    |  |  |
| 1904 Apr. 19.                        |   | WILMS, LUDWIG HERMANN ..           | Box 88, East Rand, Transvaal.                                      |  |
| 1905 Jan. 10.                        |   | WILSON, ALEXANDER .. ..            | City Chambers, Glasgow.  |  |
| 1897 Feb. 2.                         |   | WILSON, ALEXANDER BASIL ..         | Maryville House, Malone, Belfast.                                  |  |
| 1875 Dec. 7.                         | } | WILSON, ARTHUR ROSS .. ..          | } Binsur, Almora, N.W.P., India.                                   |  |
| 1890 Mar. 25.                        |   |                                    |  |  |
| 1895 Dec. 3.                         | } | *WILSON, FREDERICK JAMES ..        | } Arbuthnot & Co., Madras.   |  |
| 1901 Feb. 12.                        |   |                                    |  |  |
| t ✠ {1863 Jan. 13.                   | } | WILSON, GEORGE .. ..               | } 7 The Park, Ealing, W.   |  |
| 1872 Mar. 19.                        |   |                                    |  |  |
| 1886 Apr. 6.                         | } | WILSON, GEORGE .. ..               | { Redholme, Gwendolen Avenue,<br>Putney, S.W.                      |  |
| 1897 Jan. 12.                        |   |                                    |  |  |
| 1878 Mar. 5.                         |   | WILSON, JOHN .. ..                 | { G. E. Ry., Liverpool St., E.C.<br>(Wilson, Eastern, London.)     |  |
| ✠ {1887 Dec. 6.                      | } | WILSON, JOHN ALEXANDER ..          | { P. W. D., Springfield, Canterbury,<br>New Zealand.               |  |
| 1898 Nov. 29.                        |   |                                    |  |  |
| 1870 Dec. 6.                         |   | WILSON, JOHN HATTON .. ..          | 14 Roseville St., St. Helier's, Jersey.                            |  |
| 1882 Nov. 7.                         |   | WILSON, JOHN ROBERT ROBIN-         | } 182 Chapeltown Road, Leeds.                                      |  |
| 1893 Dec. 5.                         |   | SON .. ..                          |  |  |
| 1903 Dec. 22.                        |   | WILSON, JOSEPH WILLIAM ..          | { Engineering School, Crystal Palace,<br>S.E.                      |  |
| 1877 Feb. 6.                         |   |                                    | } 9 Victoria Street, S.W.  |  |
| 1900 Mar. 27.                        |   | *WILSON, MAURICE FITZ-             |  |  |
| 1884 Feb. 5.                         |   | GERALD .. ..                       |  |  |
| 1895 Feb. 12.                        |   | WILSON, PEREGRINE OLIVER           | { c.o. F. Wilson, 7 Devonshire Square,<br>Bishopsgate Street, E.C. |  |
| 1894 Jan. 9.                         |   |                                    | } { 7 St. Andrew's Place, Regent's Park,<br>N.W.                   |  |
| 1899 Jan. 10.                        |   | WILSON, ROBERT .. ..               |  |  |
| 1875 Dec. 7.                         |   |                                    | } 8 Quality Court, Chancery Lane, W.C.                             |  |
| 1882 May 23.                         |   | WILSON, ROBERT EDWARD ..           |  |  |
| 1876 Apr. 4.                         |   | WILSON, WALTER STUART ..           | 175 Hope Street, Glasgow.  |  |
| ✠ 1883 Nov. 13.                      |   | WINGFIELD, CHARLES HUM-            | } 82 Fairhazel Gardens, Hampstead,<br>N.W.                         |  |
| 1886 Dec. 7.                         |   | PHREY .. ..                        |  |  |
| 1881 Apr. 5.                         |   | WINSER, SIDNEY BEAUFOY ..          | Eastwood, Hathersage, Sheffield.                                   |  |
| 1896 Apr. 21.                        |   | WINSTANLEY, GEORGE .. ..           | Crackley Hall, Kenilworth.   |  |
| 1897 Jan. 12.                        |   | WISE, BERKELEY DEANE ..            | Northern Counties Ry., Belfast.                                    |  |
| 1877 May 29.                         |   | WITHEY, HENRY .. ..                | Brantford House, West Hartlepool.                                  |  |
| 1902 Dec. 23.                        |   | WOLFE, JOHN EDWARD .. ..           | { 24 Belsize Crescent, Hampstead,<br>N.W.                          |  |
| 1888 Dec. 4.                         |   |                                    | } 90 Piccadilly, London, W.  |  |
| 1904 Dec. 6.                         |   | WOLFF, GUSTAV WILLIAM, M.P.        |  |  |
| 1884 Mar. 4.                         |   | WOLFF, WILLIAM HENRY ..            | B. B. & C. I. Railway, Bombay.                                     |  |
| 1905 Feb. 7.                         |   | *WOLLEY-DOD, FRANCIS, F.C.H.       | 139 Holland Road, W.   |  |
| 1889 Dec. 3.                         |   |                                    | } Waterworks, Shanghai, China.                                     |  |
| 1898 Nov. 29.                        |   | *WOOD, ARTHUR PRESCOTT ..          |  |  |
| 1881 May 31.                         |   | WOOD, ERNEST SEYMOUR ..            | Dawdon Colliery, Seaham Harbour.                                   |  |
| 1899 Feb. 28.                        |   |                                    | } Town Hall, Fulham, S.W.  |  |
| 1883 Feb. 6.                         |   | *WOOD, FRANCIS .. ..               |  |  |
| 1902 Dec. 2.                         |   | WOOD, JOHN .. ..                   | 18 Bank Street, Carlisle.  |  |
| 1903 Jan. 13.                        |   |                                    | } New River Office, Clerkenwell, E.C.                              |  |
| 1894 Dec. 4.                         |   | WOOD, JOHN MACKWORTH ..            |  |  |
| 1905 Mar. 7.                         |   | WOOD, JOHN THOMAS .. ..            | 3 Cook Street, Liverpool.  |  |
| 1868 May 5.                          |   | WOOD, Sir LINDSAY, <i>Bart.</i> .. | Southill, Chester-le-Street.                                       |  |
| ✠ {1884 Feb. 5.                      | } | WOOD, WALTER EDMUND ..             | } 4 Teresa Terrace, Coatham, Redcar.                               |  |
| 1900 Dec. 19.                        |   |                                    |  |  |
| 1892 Dec. 6.                         |   |                                    | } { 9 Bridge Street, Westminster, S.W.<br>(Westminster 160.)       |  |
| 1880 Feb. 3.                         |   | WOODALL, CORBET .. ..              |  |  |
| 1892 Apr. 5.                         |   |                                    | } 7 South Parade, Llandudno.                                       |  |
| ✠ {1872 Dec. 3.                      | } | WOODALL, HENRY .. ..               |  |  |
| 1877 Oct. 30.                        |   |                                    |  |  |
| 1886 Mar. 2.                         |   |                                    |  |  |

|       | Date of Election<br>and of Transfer. | MEMBERS.                      |   |
|-------|--------------------------------------|-------------------------------|---|
|       | 1896 Feb. 4.}                        | WOODALL, HENRY .. .. .        | { 9 Bridge Street, Westminster, S.W.    |
|       | 1903 Dec. 22.}                       |                               | { (Westminster 160.)                    |
|       | 1893 Mar. 7.}                        | WOODBURN, ALEXANDER, B.Sc.    | { Violet Grove, Prestwick, N.B.         |
|       | 1906 Apr. 24.}                       | (Glas.) .. .. .               | {                                       |
|       | 1891 Mar. 3.                         | WOODCOCK, WILLIAM HUGH ..     | { 2 Great George Street, S.W.           |
|       | 1906 Mar. 6.                         | WOODROFFE, THOMAS HALE ..     | { Linda Crescent, Grow Park, Haw-       |
|       |                                      |                               | { thorn, Victoria.                      |
|       | 1866 Dec. 4.}                        | WOODS, EDWARD HENRY ..        | { 110 Cannon Street, E.C. (Fundum,      |
|       | 1873 May 20.}                        |                               | { London.)                              |
|       | 1881 Dec. 6.}                        | *WOODS, RICHARD JOHN,         | { Royal Indian Engineering College,     |
|       | 1899 Apr. 18.}                       | M.E. (Royal), F.C.H. .. ..    | { Staines.                              |
| m ✕   | { 1892 Feb. 2.}                      | *WORDINGHAM, CHARLES HENRY    | { Aubrey House, Kew Road, Rich-         |
|       | { 1899 Dec. 12.}                     |                               | { mond, Surrey.                         |
|       | 1884 Mar. 4.                         | WORSDELL, THOMAS WILLIAM      | { Stonycroft, Arnside, Carnforth.       |
|       | 1886 Feb. 2.}                        | WORSDELL, WILSON .. .. .      | { N. E. Ry., Gateshead-on-Tyne.         |
|       | 1898 Nov. 29.}                       |                               | {                                       |
| t ✕   | { 1881 Feb. 1.}                      | WORTH, JOHN EDWARD .. ..      | { County Council, Spring Gardens,       |
|       | { 1893 Nov. 14.}                     |                               | { S.W.                                  |
| S t ✕ | { 1885 May 19.}                      | WORTHINGTON, EDGAR, B.Sc.     | { 50 Clarendon Road, W.                 |
|       | { 1905 Apr. 11.}                     | (Victoria) .. .. .            | {                                       |
|       | 1839 Apr. 23.}                       | WORTHINGTON, SAMUEL BARTON    | { Mill Bank, Bowdon, Cheshire.          |
|       | 1861 Jan. 8.}                        |                               | {                                       |
|       | { 1880 Jan. 13.}                     | *WORTHINGTON, WILLIAM BAR-    | { Eng-in-Chief, M. Ry., Derby.          |
|       | { 1884 May 27.}                      | TON, B.Sc. (Lond.) .. ..      | {                                       |
| T t ✕ | 1870 Jan. 11.                        | WRAGGE, EDMUND .. .. .        | { 115 Madison Avenue, Toronto.          |
|       | 1884 Mar. 4.                         | WRIGHT, JAMES WALKER ..       | { Fairview, De Pary's Av., Bedford.     |
|       | 1875 Mar. 2.                         | WRIGHT, JOHN .. .. .          | { 5 Queen's Park, Paignton, S. Devon.   |
|       | 1885 Apr. 14.                        | WRIGHT, Hon. JOHN ARTHUR      | { Government Resident, Albany,          |
|       |                                      |                               | { Western Australia.                    |
|       | 1888 Feb. 7.}                        | WRIGHT, JOHN JAMES .. ..      | { Ivanhoe, Old Palace Gardens,          |
|       | 1901 Jan. 15.}                       |                               | { Weybridge.                            |
|       | 1884 Mar. 4.                         | WRIGHT, WILLIAM .. .. .       | { Ashridge House, Spalding, Lines.      |
| C ✕   | { 1869 Dec. 7.}                      | { WRIGHTSON, Sir THOMAS,      | { 5 Victoria Street, S.W.               |
|       | { 1877 May 29.}                      | Bart. .. .. .                 | {                                       |
|       | 1895 Apr. 2.                         | WRIGHTSON, WALSH, C.M.G. ..   | { Port of Spain, Trinidad.              |
|       | 1888 Feb. 7.}                        | *WYNNE-EDWARDS, HUGH          | { Sir John Jackson, 53 Victoria Street, |
|       | 1900 Apr. 3.}                        | COPNER .. .. .                | { S.W.                                  |
|       | 1894 Dec. 4.}                        | WYNNE-ROBERTS, ROBERT         | { 6 Gladstone Street, Cape Town.        |
|       | 1905 Mar. 28.}                       | OWEN .. .. .                  | {                                       |
|       | 1904 Apr. 19.}                       | { WYNNE, TREVREDYN RASHLEIGH, | { 12 Garden Reach Road, Calcutta.       |
|       |                                      | C.I.E. .. .. .                | {                                       |
|       | 1881 May 3.}                         | WYRILL, RALPH HENRY .. ..     | { Guildhall, Swansea.                   |
|       | 1901 Dec. 11.}                       |                               | {                                       |
|       | 1879 Mar. 4.}                        | YABBICOM, THOMAS HENRY ..     | { City Engineer, Bristol.               |
|       | 1898 Nov. 29.}                       |                               | {                                       |
| ✕     | { 1869 Dec. 7.}                      | YARROW, ALFRED FERNANDEZ      | { Woodlands, Blackheath, S.E. (Yar-     |
|       | { 1879 Nov. 4.}                      | (Member of Council.) .. ..    | { row, London. Eastern 114.)            |
|       | 1876 May 2.                          | YOCKNEY, SYDNEY WILLIAM ..    | { 53 Victoria Street, S.W. (Yockney     |
|       |                                      |                               | { London. 53 Victoria.)                 |
| ✕     | 1872 Apr. 9.                         | YOUNG, EDWARD WILLIAM ..      | { Rouwkoop, Rondebosch, C.C.            |
|       | 1865 Apr. 4.}                        | YOUNG, JAMES .. .. .          | { Salroyd, Thornlaw Road, West          |
|       | 1884 Dec. 23.}                       |                               | { Norwood, S.E. [S.W.                   |
|       | 1886 May 4.                          | YOUNG, JAMES .. .. .          | { e.o. Grindlay & Co., Parliament St.,  |
|       | 1876 Dec. 5.}                        | { YOURDI, GEORGE NICHOLAS,    | { Cwm Elan, Rhayader, Radnorshire.      |
|       | 1884 Jan. 8.}                        | B.A.I. (Dubl.) .. .. .        | {                                       |
|       | 1884 Mar. 4.}                        | ZACHARIASEN, LARS SEVERIN ..  | { 9 Bridge Street, Westminster, S.W.    |
|       | 1896 Nov. 16.}                       |                               | { (Zachariassen, London.)               |
|       | 1887 May 24.}                        | { ZEAL, Sir WILLIAM AUSTIN,   | { 5 St. James's Buildings, William      |
|       |                                      | K.C.M.G. .. .. .              | { Street, Melbourne, Victoria.          |
|       | 1895 May 21.                         | ZIFFER, EMANUEL ALOIS .. ..   | { 1 Giselstrasse 9, Vienna.             |

Total number of Members .. .. 2,287.

## ASSOCIATE MEMBERS.

[Assoc. M. Inst. C.E.]

N.B. *Those elected prior to the 2nd of December, 1878, have been transferred into this class by the Council.*

| Date of Election. | ASSOCIATE MEMBERS.  |   |
|-------------------|---|---|
| 1880 May 4.       | ABBEY, JOE BURMAN .. ..   | 34A New Street, Huddersfield.                                   |
| 1893 May 2.       | ABBOT, FREDERICK WILLIAM {  | 620 Chestnut Street, St. Louis, Mo., U.S.                       |
| 1891 Dec. 1.      | *ABBOTT, GEORGE HERBERT ..  | Waterworks Office, Southport.                                   |
| 1880 Mar. 2.      | *ABERCROMBIE, FRANCIS .. ..   | 5 Portman Street, W.  |
| 1902 Apr. 8.      | *ACFIELD, JOSHUA EDWARD ..  | City Engineer's Office, Leeds.                                  |
| 1892 Dec. 6.      | {*ACKERMANN, ALFRED SEABOLD<br>ELI, B.Sc. (Engineering)<br>(Lond.) .. .. .} | 25 Victoria Street, S.W. (P.O. Victoria 244.)                   |
| 1895 Dec. 3.      | {ACKLAND, CHARLES GEORGE<br>HEBER .. .. .}                                  | Bexhill Water Works, Ninfield, nr. Battle.                      |
| 1897 Mar. 2.      | ACKLAND, THOMAS JOHN HENRY  | South View, Westbury-on-Trym.                                   |
| 1877 Dec. 4.      | *ACLAND, LAWFORD MACLEAN..  | Kurunegalla, Ceylon.  |
| 1902 Dec. 2.      | ACOCKS, HERBERT FRANCIS ..  | {Coode & Matthews, 9 Victoria Street, S.W.                      |
| 1889 Feb. 5.      | *A COURT, SIDNEY .. .. .  | {39 Victoria Street, S.W. (Togatus, London.)                    |
| 1897 Mar. 2.      | *ACTON, EDWARD VINCENT ..   | {Water & Sewerage Dept., Port of Spain, Trinidad.               |
| 1894 Dec. 4.      | ACTON, WILLIAM WALTER ..  | Kwala Kangsar, Perak, S.S.                                      |
| 1894 May 22.      | {ADAIR, GERALD ARTHUR.<br>B.A.I. (Dubl.) .. .. .}                           | 65 Lower Mount Street, Dublin.                                  |
| 1887 Mar. 1.      | *ADAM, JAMES, F.C.H. .. ..  | King, King & Co., Bombay.                                       |
| 1900 Jan. 9.      | {ADAM, MATTHEW ATKINSON,<br>B.Sc. (Glas.) .. .. .}                          | 29A Abbey Road, N.W.  |
| 1879 Feb. 4.      | ADAMES, CORNELIUS GEORGE..  | Avondale, London Rd., Portsmouth.                               |
| 1893 Apr. 11.     | ADAMS, ALEXANDER .. ..  | P.W.D., Bombala, New South Wales.                               |
| m 1903 Jan. 13.   | *ADAMS, BERTRAM KEITH ..  | L. & Y. Ry., Crofton, Wakefield.                                |
| 1894 May 1.       | ADAMS, BURNET .. .. .   | {Surveyor-General, Orange River Colony.                         |
| 1906 Mar. 6.      | {*ADAMS, FREDERICK GUY TRE-<br>VENEN .. .. .}                               | 11 Beckenham Road, Beckenham.                                   |
| m 1899 Jan. 10.   | *ADAMS, HENRY CHARLES. ..   | 37 Waterloo Street, Birmingham.                                 |
| 1900 Feb. 6.      | {*ADAMS, HENRY REGNIER<br>CAMPBELL .. .. .}                                 | Blenheim Club, 12 St. James's Square, S.W.                      |
| 1900 Dec. 4.      | ADAMS, SAMUEL HENRY .. ..   | Adams-Hydraulics, York.   |
| 1883 Jan. 9.      | *ADAMS, THOMAS .. .. .  | {Engineer's Office, North Staffs. Rail-<br>way, Stoke-on-Trent. |
| 1901 Mar. 5.      | {ADAMS, WILLIAM CHATTERTON,<br>B.A.I. (Dubl.) .. .. .}                      | Polytechnic School of Engineering, Ghizeh, Cairo.               |
| 1887 May 3.       | ADAMSON, MICHAEL .. ..  | 16 Stopford Road, Plaistow, E.                                  |
| 1889 Dec. 3.      | *ADDIS, FREDERICK HENRY ..  | Grindlay, Groom & Co., Bombay.                                  |
| 1901 Dec. 3.      | *ADDIS, ROBERT BAWN, F.C.H.   | Grindlay, Groom & Co., Bombay.                                  |
| ✠ 1880 Dec. 7.    | *ADDISON, PERCY LEONARD ..  | Park House, Bigrigg, Cumberland.                                |
| 1898 Dec. 6.      | {*ADLER, HENRY GEORGE VER-<br>GOTTINI.. .. .}                               | 25 Victoria Street, S.W.  |
| 1895 May 21.      | AGABEG, FRANK JOSEPH ..   | Apear & Co., Sitarampore, Bengal.                               |
| 1897 Feb. 2.      | AHLERS, RUDOLPH OSWALD ..   | {Dharwar Goldfields, Gadag P.O.,<br>Bombay.                     |



Date of  
Election.

## ASSOCIATE MEMBERS.

|       |               |  |  |
|-------|---------------|--|--|
|       | 1890 Feb. 4.  | AINSWORTH, ALFRED EDWARD   | Midland Ry., Eng.'s Office, Derby.   |
| ✚     | 1899 Mar. 7.  | AITCHISON, GOWRIE COLQUHOUN  | Glynperis, Llanberis, N. Wales.  |
|       | 1901 Dec. 3.  | { AITKEN, THOMAS MARTIN,<br>B.Sc. (Glas.) .. .. }                                      | { Lond. Electric Supply Co., Stowage<br>Wharf, Deptford, S.E.  |
|       | 1883 May 29.  | *ALBRIGHT, JOHN FRANCIS ..   | { 96 Elm Park Gardens, S.W. (Ken-<br>sington 652.)   |
|       | 1892 Dec. 6.  | { *ALBUQUERQUE-MARANHAO, AF-<br>FONSO DE OLIVEIRA DE .. }                              | { Telegrapho Nacional, Recife, Per-<br>nambuco, Brazil.  |
|       | 1902 Apr. 8.  | ALCOCK, ARTHUR HENRY ..  | Wilton Castle, Enniscorthy, Ireland.   |
|       | 1906 Apr. 3.  | *ALDERSMITH, CLAUDE HERBERT  | Stammerham, West Horsham.  |
|       | 1899 Dec. 5.  | *ALDIS, BASIL STEADMAN ..  | 11 Glasslyn Road, Crouch End, N.   |
|       | 1883 Mar. 6.  | { *ALDRIDGE, JAMES GEORGE<br>WILLCOX .. .. }   | { 9 Victoria Street, S.W.  |
| M f ✚ | 1904 Dec. 6.  | { *ALEXANDER, CONNELL WIL-<br>LIAM LONG, M.Sc. (Birming-<br>ham), B.E. (Royal) .. .. } | { City Eng.'s Office, Council House,<br>Birmingham.  |
|       | 1894 May 22.  | ALEXANDER, EDWARD SEYMOUR  | { South Indian Ry., Trichinopoly,<br>India.  |
|       | 1904 Mar. 1.  | *ALEXANDER, JAMES .. ..  | Engineers' Office, N.E.R., York.   |
|       | 1905 Apr. 4.  | ALEXANDER, JOHN .. ..  | 39 Lawrence Street, Partick, Glasgow.  |
|       | 1894 Dec. 4.  | ALEXANDER, JOHN HENRY ..   | Grindlay, Groom & Co., Bombay.   |
|       | 1904 Apr. 12. | ALEXANDER, JOSEPH GEORGE   | 167 Grosvenor Road, S.W.   |
|       | 1904 Feb. 2.  | { *ALEXANDER, ROBERT DONALD<br>THAIN .. .. }   | { Nagdu-Muttra State Ry., Kotah,<br>Rajputana, India.  |
|       | 1892 May 3.   | *ALEXANDER, WILLIAM .. ..  | 7 Burlington Gardens, Acton, W.  |
|       | 1895 Dec. 3.  | *ALEXANDER, WILLIAM .. ..  | { Caledonian Ry., Buchanan Street<br>Station, Glasgow.   |
|       | 1905 Apr. 4.  | ALEXANDER, WILLIAM .. ..   | Technical School, Wellington, N.Z.   |
|       | 1889 Dec. 3.  | *ALLAN, JOHN FREDERICK ..  | { Cia. de Rio Tinto La., Calle de<br>Valenzuela 4, Madrid.   |
|       | 1878 May 7.   | ALLEN, ALFRED .. ..  | { 47 Victoria Street, S.W. (West-<br>minster 402.)   |
|       | 1905 Dec. 5.  | *ALLEN, GEORGE JAMIESON ..   | { Works Department, H.M. Dockyard,<br>Malta.   |
|       | 1883 Feb. 6.  | ALLEN, GEORGE THOMAS ..  | 95 Talfourd Road, Peckham, S.E.  |
|       | 1896 Mar. 3.  | *ALLEN, GORDON .. ..   | { 54 Kenilworth Avenue, Wimbledon,<br>S.W.   |
|       | 1903 Jan. 13. | { *ALLEN, HAROLD GWYNNE,<br>B.A. (Cantab.) .. .. }                                     | { Queen's Works, Bedford.  |
|       | 1893 Dec. 5.  | ALLEN, MARCUS .. ..  | Oakdene, Knutsford, Cheshire.  |
| M ✚   | 1881 Apr. 5.  | *ALLEN, PERCY RUSKIN .. ..   | Ferncliffe, Higher Runcorn, Cheshire.  |
|       | 1898 Feb. 1.  | ALLEN, RAYMOND CECIL .. ..   | Chief Surveyor, Uganda, East Africa.   |
| t ✚   | 1892 May 24.  | ALLEN, RICHARD WILLIAM ..  | Queen's Works, Bedford.  |
|       | 1900 Feb. 6.  | ALLEN, SIDNEY .. ..  | G. C. Ry., Guide Bridge, Manchester.   |
|       | 1885 Dec. 1.  | ALLEN, WILLIAM MILWARD ..  | { 199 High St., Chorlton-on-Medlock,<br>Manchester.  |
|       | 1885 Dec. 1.  | { *ALLIMAN, FRANÇOIS ALBERT<br>LOUIS .. .. }   | { 2nd Line 23, Vassiljewskij Ostrov,<br>St. Petersburg.  |
|       | 1897 Feb. 2.  | ALLISON, HARRY PIGOTT ..   | F. & C. Osler, Calcutta.   |
|       | 1893 Dec. 5.  | ALLISON, JOHN LOGIE .. ..  | { Ross & Holgate, North British &<br>Mercantile Building, St. François<br>Xavier Street, Montreal, Canada. |
| m     | 1895 Dec. 3.  | *ALLOTT, HENRY NEWMARCH ..   | 46 Brown Street, Manchester.   |
|       | 1891 Jan. 13. | *ALLPORT, DOUGLAS, JUN. ..   | 6 Newton Grove, Chiswick, W.   |
|       | 1904 Apr. 12. | { ALLSOP, JOHN WILLIAM<br>KIDSTON .. .. }  | { Jackson House, Jackson Ghat Street,<br>Calcutta.   |
|       | 1894 Dec. 4.  | *ALLUM, FREDERIC WARNER ..   | G. Dixie, Roorkee, N.W.P., India.  |
|       | 1897 Jan. 12. | AMAN, FREDERICK THEODOR ..   | City Engineer's Office, Liverpool.   |
|       | 1892 Mar. 1.  | AMES, ERNEST FITZROY .. ..   | 46 Green Street, Park Lane, W.   |
|       | 1893 Mar. 7.  | { *AMPHLETT, EDWARD ALBIN,<br>B.E. (Sydney) .. .. }                                    | { Harbour Trust, Sydney, N.S.W.  |
|       | 1890 May 6.   | ANDERSON, ARTHUR ROBERT ..   | S.M. Ry., Dharwar, Bombay.   |



|     | Date of Election. | ASSOCIATE MEMBERS.  |  |
|-----|-------------------|---|--|
|     | 1900 Feb. 6.      | *ANDERSON, ATHOL LANCELOT   | { Admiralty Breakwater Office, St. Elmo, Malta.                        |
|     | 1906 Jan. 9.      | { ANDERSON, DAVID,<br>B.Sc. ( <i>St. Andrews</i> ) .. .. }          | { 21 Portland Road, Holland Park Avenue, W.                            |
| C † | 1883 Dec. 4.      | *ANDERSON, EDWARD WILLIAM   | { Lesney, Warwick Road, Solihull, Birmingham.                          |
|     | 1883 Dec. 4.      | ANDERSON, GEORGE GRAY ..  | { 501 Equitable Bldg., Denver, Colo., U.S.                             |
|     | 1892 Mar. 1.      | ANDERSON, GEORGE WILLIAM  |  |
|     | 1906 Jan. 9.      | *ANDERSON, HENRY .. .. .  | c/o King, King & Co., Bombay.  |
|     | 1885 May 19.      | *ANDERSON, HERBERT WILLIAM  | { Fairfield, Broom Road, Teddington. (Kingston 186.)                   |
|     | 1889 May 7.       | ANDERSON, JAMES .. .. .   | Box 191, Germiston, Transvaal.   |
|     | 1905 Apr. 4.      | ANDERSON, JAMES, JR. .. ..  | Farne, Rutherglen, N.B.  |
|     | 1881 Apr. 5.      | ANDERSON, JOHN .. .. .  | 160 High Street, Montrose.   |
|     | 1894 Dec. 4.      | *ANDERSON, JOHN REID .. ..  | { London Sanitary Protection Assoc., 13 Charles St., St. James's, S.W. |
|     | 1893 Jan. 10.     | *ANDERSON, PIERCIE SEVERN ..  | Dredging Co., Cairo.   |
|     | 1889 Dec. 3.      | *ANDERSON, ROBERT BRUCE ..  | { 5 Westminster Chambers, Victoria Street, S.W.                        |
|     | 1897 Mar. 2.      | *ANDERSON, ROBERT HAY ..  | Apartado 866, Mexico City.   |
|     | 1887 Feb. 1.      | { *ANDERSON, ROBERT OGILVIE<br>NEWTON, B.A.I. ( <i>Dubl.</i> ) .. } | Bagar Serai, Perak, S.S.   |
|     | 1881 May 3.       | ANDERSON, ROBERT SANDERS ..   | County Surveyor, Peebles, N.B.   |
|     | 1884 Dec. 2.      | ANDERSON, THOMAS .. .. .  | 270 Woodlands Road, Glasgow.   |
|     | 1902 Dec. 2.      | ANDERSON, TOM SCOTT .. ..   | 8 Southbourne Road, Sheffield.   |
|     | 1896 Dec. 1.      | { ANDERSON, WALTER VICKER-<br>STAFF .. .. . }                       | City Surveyor, Winchester.   |
|     | 1904 Apr. 12.     | ANDERSON, WILLIAM FERGUSON  | { J. A. Anderson, 40 Henderson Row, Edinburgh.                         |
|     | 1875 May 11.      | ANDRÉ, GEORGE GUILLAUME ..  | { Rosemount, Frittenden, nr. Staplehurst, Kent.                        |
|     | 1891 Dec. 1.      | ANDREONI, LUIS .. .. .  | { Central Uruguay Ry., Monte Video, Uruguay.                           |
|     | 1905 Apr. 4.      | { ANDREWES, EDWARD,<br>B.Sc. ( <i>McGill</i> ) .. .. . }            | Maen Offeren Slate Quarry Company, Portmadoc, N. Wales.                |
|     | 1906 Apr. 3.      | ANDREWS, HEDLEY .. .. .   | 34 Wrottesley Road, Plumstead, S.E.                                    |
|     | 1885 Apr. 14.     | { ANDREWS, JOSEPH DEVONPORT<br>FINNEY .. .. . }                     | 2 Park Avenue, East Sheen.   |
|     | 1903 Apr. 7.      | ANDREWS, LEONARD .. .. .  | { Key Engineering Co., 38 Deansgate, Manchester.                       |
|     | 1889 Dec. 3.      | { ANDREWS, SAMUEL GEORGE<br>THORNTON .. .. . }                      | Cefn Eithen, Swansea.  |
|     | 1888 Dec. 4.      | ANDREWS, WILLIAM WALLACE  | Port Darwin, N.T., South Australia.                                    |
|     | 1883 Mar. 6.      | ANGELL, JOHN ALEXANDER ..   | District Council, Beckenham, S.E.                                      |
|     | 1906 Apr. 3.      | *ANGWIN, CHARLES ASHLEY ..  | Eng.'s Office, Taff Vale Ry., Cardiff.                                 |
|     | 1861 Dec. 3.      | ANLEY, JAMES LEMPRIERE ..   | Oakley, Cheltenham.  |
|     | 1896 Dec. 1.      | ANNAN, WILLIAM CRAIG ..   | Gorakhpur, N.W.P., India.  |
|     | 1875 Dec. 7.      | { ANSON, FREDERICK HENRY,<br>M.A. ( <i>Oxon.</i> ) .. .. . }        | 28 Victoria Street, S.W.   |
|     | 1905 Jan. 10.     | { ANSTEY, HENRY CHARLES,<br>Engineer Lieutenant, R.N. .. }          | Fairview House, Barrowby, Grant-ham.                                   |
|     | 1892 Feb. 2.      | *ANTHONY, ALBERT EVERSHED   | 35 East Street, Brighton.  |
|     | 1881 Apr. 5.      | ANTILL, BENJAMIN HILLIER ..   | 12 Queen Anne's Gate, S.W.   |
|     | 1904 Dec. 6.      | *ANTINORI, JOHN CHARLES ..  | c.o. A. Barry, Loop Street, Cape Town.                                 |
|     | 1898 Apr. 5.      | *ANZORENA, JACINTO .. ..  | Mendoza, Argentina.  |
| m † | 1890 Apr. 1.      | *APPLEBY, PERCY VAYASSEUR ..  | { Hobart House, Lincoln Street, Leicester.                             |
|     | 1904 Dec. 6.      | *APPLETON, FRANCIS CASS ..  | 35 Wemyss Road, Blackheath, S.E.                                       |
| t † | 1901 Mar. 5.      | APPLEYARD, ROLLO .. .. .  | { 79 St. Mary's Mansions, Paddington, W.                               |
|     | 1897 Apr. 6.      | ARBUTHNOTT, DONALD STEWART  | 9 Clarendon Place, Stirling.   |

| Date of Election.    |   | ASSOCIATE MEMBERS.  |  |
|----------------------|---|---|--|
| 1890 May 20.         | ARCHER, OAKELEY .. ..   | Seremban, Malay States.   |  |
| 1891 Feb. 3.         | ARNER, JAMES .. ..  | { Birch & Co., 3 London Wall Build-<br>ings, E.C.               |  |
| 1882 May 23.         | ARMISTEAD, RICHARD .. ..  | 8 Charles Street, Bradford.                                     |  |
| 1890 Apr. 1.         | ARMITAGE, CHARLES .. ..   | Gasworks, Lancaster.  |  |
| 1893 Feb. 7.         | { *ARMITAGE, FREDERICK RHODES,<br>B.A. ( <i>Cantab.</i> ) .. .. | Noan, Thurles, co. Tipperary.                                   |  |
| 1894 Feb. 6.         | ARMSTRONG, CHARLES FREDERICK                                    | Egyptian Dredging Co., Cairo.                                   |  |
| 1898 Dec. 6.         | ARMSTRONG, DAVID WILLIAMS                                       | { Bridges Branch, P.W.D., Sydney,<br>N.S.W.                     |  |
| 1884 Dec. 2.         | { ARMSTRONG, LAWRENCE HEN-<br>NESSEY CLUBBY .. ..               | Holmwood, Happy Valley, Mus-<br>soorie, India.                  |  |
| 1897 Apr. 6.         | ARMSTRONG, SAMUEL GEORGE  | Box 2139, Johannesburg, Transvaal.                              |  |
| 1891 Dec. 1.         | ARNALL, THOMAS WILLIAM ..                                       | City Surveyor's Office, Birmingham.                             |  |
| 1878 Feb. 5.         | ARNEIL, JAMES ABRAHAM ..  | 57 Belmont Road, Southampton.                                   |  |
| 1904 Apr. 19.        | ARNEY, ARTHUR EDWARD ..   | { Snogqualmie, Richardson Street,<br>Perth, W.A.                |  |
| ✠ 1899 Apr. 11.      | *ARNOLD, FRANK WILLIAM ..                                       | Engineering Schools, Dacca, Bengal.                             |  |
| 1890 Dec. 2.         | ARNOLD, THOMAS .. ..  | 19 John Street, Llanelly.                                       |  |
| 1891 Dec. 1.         | *ARNOT, ARTHUR JAMES ..   | 83 Pitt Street, Sydney, N.S.W.                                  |  |
| 1902 Dec. 2.         | ARNOTT, HENRY DUDLEY ..   | 171 High Street, Gorleston-on-Sea.                              |  |
| 1904 Dec. 6.         | *ARNOTT, ROBERT FLEMING ..                                      | { Jacobs & Davies, 128 Broadway,<br>New York, U.S.              |  |
| 1891 May 12.         | AROCENA, CARLOS ALBERTO ..                                      | Calle de Piedras 163, Monte Video.                              |  |
| 1881 Feb. 1.         | ARROW, JAMES THOMAS ..  | { Mines Water Supply, Perth, Western<br>Australia.              |  |
| 1876 Apr. 4.         | *ARTEAGA, RODOLFO DE ..   | 72 Calle Buenos Ayres, Monte Video.                             |  |
| m 1902 Apr. 8.       | *ARTER, ARTHUR MARSHALL ..                                      | 60 Upper Mall, Hammersmith, W.                                  |  |
| 1904 Jan. 12.        | *ARTHUR, ALLAN .. ..  | 192A St. Vincent Street, Glasgow.                               |  |
| ✠ 1881 Dec. 6.       | ARTINGSTALL, SAMUEL GEORGE                                      | 13 S. Hamilton Avenue, Chicago, U.S.                            |  |
| 1874 Apr. 14.        | ASHBURY, THOMAS .. ..   | 17 St. Ann's Square, Manchester.                                |  |
| ✠ 1885 Apr. 14.      | *ASHCROFT, ANDREW GEORGE ..                                     | 95 Twyford Avenue, Acton, W.                                    |  |
| 1897 Feb. 2.         | ASHCROFT, EDGAR ARTHUR ..                                       | Vadern, Sogne, Norway. [C.C.                                    |  |
| 1894 Feb. 6.         | ASHENDEN, PERCY .. ..   | Town Hall, Rondebosch, Cape Town,                               |  |
| 1903 Feb. 3.         | { *ASHFORTH, GEORGE ERNEST,<br>M.Sc. ( <i>Victoria</i> ) .. ..  | 16 North Road, Longsight, Man-<br>chester.                      |  |
| ✠ 1873 May 6.        | *ASHHURST, FRANCIS HENRY ..                                     | Bhim Tal, Montpelier Rd., Ealing, W.                            |  |
| 1886 Apr. 6.         | *ASHPITEL, FRANCIS WILLIAM ..                                   | Parry & Co., Madras.  |  |
| 1890 Feb. 4.         | ASHWELL, HARRY .. ..  | { South View, Doncaster Road,<br>Agbrigg, Wakefield.            |  |
| 1893 May 16.         | { *ASHWORTH, ARTHUR ALAN,<br>M.A. ( <i>Cantab.</i> ) .. ..      | T. Coates, Benwell, Darlington.                                 |  |
| 1895 Dec. 3.         | *ASKWITH, JAMES EDGAR ..  |   |  |
| 1892 Jan. 12.        | *ASLETT, ALFRED HENRY ..  | Engineer's Dept., E.I. Ry., Calcutta.                           |  |
| 1890 Dec. 2.         | ATHIM, SAMUEL .. ..   | P.W.D., Bareilly, India.  |  |
| 1886 Dec. 7.         | ATKINS, ALFRED .. ..  | Wanganui, N.Z.  |  |
| 1885 Mar. 3.         | ATKINSON, ALFRED .. ..  | Brigg, Lincs.   |  |
| T t ✠ 1891 Feb. 3.   | *ATKINSON, CLAUDE WILLIAM ..                                    | 31 Manor Road, Beckenham.                                       |  |
| 1885 Feb. 3.         | *ATKINSON, JOHN .. ..   | Boro' Surveyor, Stockport. [S.W.                                |  |
| T t m ✠ 1888 Dec. 4. | *ATKINSON, LLEWELYN BIRCHALL                                    | 30 Veronica Road, Upper Tooting,                                |  |
| 1880 Dec. 7.         | *ATKINSON, ROBERT PHILIP ..                                     | co. H. S. King & Co., Pall Mall, S.W.                           |  |
| 1902 Apr. 8.         | ATKINSON, WILLIAM LOWE ..                                       | 17 Cranston Road, Forest Hill, S.E.                             |  |
| 1891 Jan. 9.         | *ATLEY, GEORGE WILLIAM PERCY                                    | { Engineer's Office, Great Central<br>Railway, Marylebone, N.W. |  |
| 1888 Dec. 4.         | ATTARD, WALTER .. ..  | 41 Strada Britannica Vittoriosa, Malta.                         |  |
| 1891 Mar. 3.         | AUDEN, ARTHUR CHARLES ..  | 60 Underwick Road, Stroud Green, N.                             |  |
| 1905 Dec. 5.         | AULD, JAMES PATON .. ..   | P.W.D., Warri, Southern Nigeria.                                |  |
| 1884 Dec. 2.         | AUSTEN, GEORGE IDEN .. ..                                       | Box 536, Nyack, N.Y., U.S.                                      |  |
| m 1901 Jan. 12.      | { *AUSTEN, HAROLD CHOLMLEY<br>MANSFIELD .. ..                   | Canon Marsh Works, Bristol.                                     |  |
| 1888 Mar. 6.         | *AUSTIN, ALBERT ERNEST ..                                       | Market Place, Blenheim, N.Z.                                    |  |
| 1873 Dec. 2.         | *AUSTIN, EDWARD ROBERT ..                                       | Strangeways Ironworks, Manchester.                              |  |



| Date of Election.                   | ASSOCIATE MEMBERS.  |   |
|-------------------------------------|---|---|
| 1896 May 19.                        | *A VELING, THOMAS CLIFFORD ..                               | { Central House, New Street, Birmingham.            |
| 1882 May 23.                        | A VELING, THOMAS LAKE ..                                    | Boley Hill House, Rochester.                        |
| 1891 Dec. 1.                        | AYRES, THOMAS LAMBERT ..                                    | Post Office, Durban, Natal.                         |
| ✠ 1879 Feb. 4.                      | { AYRTON, Professor WILLIAM<br>EDWARD, F.R.S. .. .. }       | Central Technical College, Exhibition Road, S.W.    |
| ✠ 1885 Apr. 14.                     | AYTOUN, ROBERT .. .. .                                      | { 34 Cranbourne Terrace, Stockton-on-Tees.          |
| 1894 Jan. 9.                        | *B ABTIE, JOHN TAYLOR .. ..                                 | { 188 West Regent Street, Glasgow (24 Douglas).     |
| 1887 Dec. 6.                        | *BACH, FREDERICK WILLIAM ..                                 | { c.o. H. Bach, 18 Coleridge Road, Crouch End, N.   |
| 1896 May 5.                         | BACON, ARTHUR DRAX .. ..                                    | Box 98, Johannesburg, Transvaal.                    |
| 1897 Dec. 7.                        | { *B ADCOCK, HUGH DANIEL,<br>M.A. (Oxon.) .. .. }           | Box 440, Pretoria, Transvaal.                       |
| 1892 Dec. 6.                        | *BADER, FREDERICK ROBERT ..                                 | P.W.D., Sukkur, Sind, India.                        |
| 1888 Mar. 6.                        | *BAGGS, EDWIN .. .. .                                       | 3 Walcot Parade, Bath.                              |
| 1892 Dec. 6.                        | *BAGOT, LEWIS BROWN .. ..                                   | 31 Storey Square, Barrow-in-Furness.                |
| 1886 Apr. 6.                        | { *B AGSHAWE, FREDERICK THEO-<br>DORE .. .. . }             | 972½ Main Street, Winnipeg, Canada.                 |
| 1887 May 24.                        | BAILES, WALTER HENRY ..                                     | L.B. & S.C. Ry., London Bridge, S.E.                |
| 1905 Apr. 4.                        | BAILEY, CHARLES .. .. .                                     | 3 Heavitree Road, Plumstead.                        |
| 1901 Apr. 2.                        | *BAILEY, JAMES HENRY .. ..                                  | { Engineer's Office, G. N. Ry., King's Cross, N.    |
| 1892 Apr. 5.                        | *BAILEY, STANLEY CLAUDE ..                                  | The Laurels, Banstead Road, Ewell.                  |
| 1875 Dec. 7.                        | BAILEY, WILFRED .. .. .                                     | 3 Tisbury Road, Hove.                               |
| 1889 Mar. 5.                        | *BAILLIE, JAMES PICTON .. ..                                | Cardigan, S. Wales.                                 |
| 1877 Feb. 6.                        | BAIN, THOMAS CHARLES JOHN                                   | Woodside, Rondebosch, Cape Town.                    |
| 1887 Dec. 6.                        | BAIRD, FRANK OSBORNE .. ..                                  | 39 Portland Road, Hove, Brighton.                   |
| 1881 Dec. 6.                        | *BAKER, CHARLES JOHN SEYMOUR                                | 47 Redcliffe Square, S.W.                           |
| 1889 Jan. 8.                        | *BAKER, EARNEST WHEATSTONE                                  | Lott and Walne, Dorchester.                         |
| 1904 Jan. 12.                       | { *BAKER, ERIC SAMUEL SAN-<br>CROFT, B.A. (Cantab.) .. }    | 13 Wentworth Place, Newcastle-on-Tyne.              |
| 1900 Feb. 6.                        | { *BAKER, FRANK,<br>B.Sc. (Victoria) .. .. }                | Oxley Cottage, near Wolverhampton.                  |
| 1899 Dec. 5.                        | { *BAKER, GEORGE ARTHUR<br>MARSHALL .. .. . }               | G. C. Ry., Engineer's Office, Elm Road, Wembley.    |
| 1901 Feb. 5.                        | *BAKER, REGINALD FRANCIS ..                                 | 4 Beaufort Gardens, Ilford.                         |
| ✠ { 1841 May 11.<br>1867 Mar. 26. } | BAKER, WILLIAM LEWIS .. ..                                  | Hargrave, St. Neots.                                |
| 1897 Mar. 2.                        | *BALDWIN, LEONARD LUDOVIC                                   |   |
| ✠ 1901 Dec. 3.                      | { *BALDWIN-WISEMAN, WILLIAM<br>RALPH, M.Sc. (Victoria) .. } | 165 Shirley Road, Southampton.                      |
| 1894 Jan. 9.                        | *BALE, GEORGE ROBERT .. ..                                  | { Kingston Cottage, Gordon Road, Camberley, Surrey. |
| 1904 Jan. 12.                       | *BALFOUR, JOHN AYLMER .. ..                                 | 27 Silverdale, Sydenham, S.E.                       |
| 1892 Dec. 6.                        | *BALL, BENJAMIN .. .. .                                     | Boro' Engineer, Nelson, Lanes.                      |
| 1895 Mar. 5.                        | BALL, GEORGE .. .. .  | Urban District Council, Bexhill.                    |
| 1899 Jan. 10.                       | { BALL, JOHN, Ph.D. (Zürich),<br>B.Sc. (Lond.) .. .. }      | Survey Dept., Cairo.                                |
| 1899 Dec. 5.                        | BALL, ROBERT STEELE .. ..                                   | 189 Gleneldon Rd., Streatham, S.W.                  |
| 1900 Mar. 6.                        | *BALLANTYNE, THOMAS .. ..                                   | 14 Blythswood Square, Glasgow.                      |
| 1905 Dec. 5.                        | { *BALSTON, FRANCIS WILLIAM,<br>B.A. (Cantab.) .. .. }      | Springfield, Maidstone.                             |
| ✠ 1892 May 24.                      | *BAMFORD, CHARLES FREDERICK                                 | c.o. H. S. King & Co., Pall Mall, S.W.              |
| 1897 Mar. 2.                        | { BAMFORD, HARRY,<br>M.Sc. (Victoria) .. .. }               | University, Glasgow.                                |
| 1899 Mar. 7.                        | { BANCROFT, FRANCIS JAMES,<br>B.Sc. (Lond.) .. .. }         | Town Hall, Hull.                                    |
| 1903 Jan. 13.                       | BANCROFT, FREDERICK HERBERT                                 | 88 Mosley Street, Manchester.                       |

Date of  
Election.

## ASSOCIATE MEMBERS.

|       |               |  |  |
|-------|---------------|--|--|
|       | 1891 Mar. 3.  | { BANDYOPADHYAY, KRISHNACH-<br>ANDRA .. .. . }           | 24 Sankaripara Road, Bhowanipur,<br>Calcutta.                        |
|       | 1891 Apr. 7.  | BANKS, CHARLES .. .. .                                   | Oamaru, New Zealand.   |
|       | 1890 May 20.  | *BANKS, WALTER .. .. .                                   | { Council Offices, Heaton Norris,<br>Stockport.                      |
|       | 1895 May 21.  | BANKS, WILLIAM .. .. .                                   | 10 Albany Road, Rochester.   |
|       | 1890 Feb. 4.  | BANNISTER, MAUNSEL CASWELL                               | { C.B.E. Office, Middleburg Camp.<br>Cape Colony.                    |
|       | 1895 Feb. 5.  | *BARBER, EDWARD HAZLEDINE                                | Town Surveyor, Goole.  |
|       | 1905 Apr. 4.  | BARBER, GEORGE FREDERICK                                 | 12 Dean's Yard, Westminster.   |
|       | 1904 Feb. 2.  | *BARBIER, JULES EDMOND ..                                | { 21 Corbett Road, Cardiff, South<br>Wales.                          |
|       | 1893 Feb. 7.  | *BARHAM, HUGH GARRATT FOSTER                             | { 4 Marguerite Villas, Copse Hill.<br>Wimbledon, S.W.                |
| m ✕   | 1893 Dec. 5.  | *BARKER, CHARLES DAVIDSON ..                             | 231 St. Vincent Street, Glasgow.                                     |
| J m ✕ | 1901 Jan. 8.  | *BARKER, HAROLD WOOD ..                                  | 17 Woodville Terrace, Bradford.                                      |
|       | 1892 Mar. 1.  | *BARKER, JOSEPH WILLIAM ..                               | 20 St. Hilda's Terrace, Whitby, Yorks.                               |
|       | 1894 Mar. 6.  | *BARKER, OSWALD .. .. .                                  | 52 Victoria Road, Swindon.   |
|       | 1890 Mar. 4.  | BARKER, RAYNER CHILDE, C.I.E.                            | Teheran, Persia.   |
|       | 1895 Dec. 3.  | BARKER, THOMAS .. .. .                                   | { 17 Woodville Terrace, Little Horton<br>Lane, Bradford.             |
|       | 1894 Dec. 4.  | BARLOW, JOSEPH WILMOT ..                                 | { South Rand Exploration Co.,<br>Vlakfontein East, Transvaal.        |
|       | 1896 Mar. 3.  | BARNARD, ADAM SEDGWICK ..                                | { Electrical Adviser to Govt., Co-<br>lombo, Ceylon.                 |
|       | 1891 Feb. 3.  | *BARNARD, HENRY CUTHBERT                                 | { Divisional Eng., F.M.S. Rys., Taip-<br>ing, Perak, S.S.            |
| ✕     | 1890 May 6.   | { *BARNARD, ROBERT CARY<br>HENSLOW .. .. . }             | Bartloes, Leckhampton, Cheltenham.                                   |
|       | 1892 Dec. 6.  | *BARNBY, REGINALD CLAYTON                                | St. Mary's House, York.  |
| ✕     | 1888 Dec. 4.  | { *BARNES, CHARLES ARTHUR<br>ALBERT .. .. . }            | Prospect House, Cape Coast Castle,<br>West Africa.                   |
|       | 1896 May 5.   | BARNES, JOHN .. .. .                                     | 97 Fishergate, Preston.  |
|       | 1887 Dec. 6.  | { BARNES, ROBERT SAMUEL<br>WENYSS .. .. . }              | c.o. Mrs. Barnes, Linden Cottage,<br>Sevenoaks, Kent.                |
|       | 1892 Dec. 6.  | BARNES, SIDNEY WALTER JOHN                               | 19 Denmark Road, Ealing, W.  |
|       | 1884 Feb. 5.  | BARNETT, CHARLES WILLIAM                                 | { Logan's Buildings, Beech Street,<br>Penang, S.S.                   |
|       | 1894 Dec. 4.  | *BARNETT, WALTER GEORGE ..                               | c.o. H. S. King & Co., Cornhill, E.C.                                |
|       | 1905 Apr. 4.  | { BARNHILL, JOHN JAMES<br>STEWART .. .. . }              | 1A Strand, Londonderry, Ireland.                                     |
|       | 1894 May 1.   | BARON, JOSEPH EDWARD ..                                  | { Ry. Dept., Existing Lines Office,<br>Perth, Western Australia.     |
|       | 1905 Apr. 4.  | BARR, HUGH RITCHIE .. ..                                 | Harbour Engineer's Office, Aberdeen.                                 |
| m ✕   | 1898 Mar. 1.  | { *BARRACLOUGH, SAMUEL HENRY,<br>B.E. (Sydney) .. .. . } | University, Sydney, N.S.W.   |
|       | 1887 Jan. 11. | BARRATT, JAMES .. .. .                                   | Box 374, Sydney, N.S.W.  |
|       | 1894 Dec. 4.  | *BARRATT, SAMUEL HARRY HILL                              | 16 Exeter Rd., Brondesbury, N.W.                                     |
|       | 1886 Dec. 7.  | BARRATT, THOMAS BLAME ..                                 | { Town Engineer, Fremantle, Western<br>Australia.                    |
|       | 1891 Dec. 1.  | BARRETT, ERNEST JAMES ..                                 | Town Hall, Staines.  |
|       | 1886 Dec. 7.  | BARRETT, SYDNEY RUSSELL ..                               | { Gas Dept., Council House, Bir-<br>mingham.                         |
|       | 1896 Jan. 14. | BARRINGER, HERBERT .. ..                                 | 78 Gracechurch Street, E.C.  |
|       | 1896 May 5.   | BARRON, JAMES, JUN. .. ..                                | Ribble Navigation, Preston.  |
|       | 1892 Dec. 6.  | *BARROW, ARTHUR ROBERT ..                                | Port Simpson, British Columbia.                                      |
|       | 1889 Dec. 3.  | *BARROWCLIFF, GEORGE HARRY                               | Mill Street, Loughborough.   |
|       | 1889 Mar. 5.  | { *BARRY, HERBERT ALFRED<br>LUCAS .. .. . }              | { 15 Great George Street, S.W. (Pintle,<br>London. Westminster 367.) |
|       | 1905 Apr. 4.  | { *BARRY, KENNETH ALFRED<br>WOLFE .. .. . }              | 4 Embankment Gardens, Chelsea,<br>S.W.                               |
|       | 1890 May 20.  | BARRY, WILLIAM FITZ-GERALD                               | Co. Surveyor's Office, Monaghan.                                     |



|     | Date of Election. | ASSOCIATE MEMBERS.  |  |
|-----|-------------------|---|--|
|     | 1895 Jan. 8.      | *BARTLETT, EDWARD CECIL ..                                  | { T. Stewart, 6 St. George's Chambers, Cape Town, C.C.             |
|     | 1896 Feb. 4.      | BARTON, ANDREW .. ..  | { Admiralty, 21 Northumberland Avenue, W.C.                        |
| m   | 1884 Feb. 5.      | *BASHALL, WILLIAM .. ..                                     |  |
|     | 1904 Dec. 6.      | BASHFORTH, ANDREW .. ..                                     | Broomfield, Rotherham.   |
|     | 1887 Dec. 6.      | *BASSETT, HERBERT STANHOPE                                  | Wayside, Ilminster, Somerset.                                      |
|     | 1900 Dec. 4.      | { BASTOW, ARTHUR HENRY, }<br>{ M.A., M.C.E. (Melb.) .. .. } | P.W.D., Trevandrum, Travancore.                                    |
|     | 1886 Feb. 2.      | BATCHELOR, CYRIL TALWORTH                                   | { Orton Cottage, Water Orton, Warwickshire. (Stannum, Birmingham.) |
|     | 1894 May 22.      | BATE, DOUGLAS CLAVELL ..                                    | { Elvaston, Wylde Green, near Birmingham.                          |
|     | 1901 Apr. 2.      | { *BATEMAN, FREDERIC }<br>{ WINFRIED LA TROBE- .. .. }      | { 36 Kensington Mansions, Earl's Court, S.W.                       |
|     | 1887 Feb. 1.      | BATERDEN, JAMES RAE .. ..                                   | { 54 Brighton Grove, Newcastle-on-Tyne.                            |
|     | 1895 Dec. 3.      | BATESON, HUGH .. ..   | S. P. Ry., Fazilka, Punjab.  |
|     | 1893 Apr. 11.     | BATTERSBY, EDMUND .. ..                                     | Great Ness House, Baschurch.                                       |
|     | 1905 Dec. 5.      | { *BATTER-BY, HENRY LOUIS, }<br>{ F.C.H. .. .. }            | { Bhamo - Tengyneh Ry. Survey, Bhamo, Upper Burmah.                |
|     | 1902 Apr. 8.      | { BATTLE, WILLIAM AUBREY }<br>{ AYLMER .. .. }              | { Kohing, Tanuggyi, Shan States, Burma.                            |
| H ✕ | 1873 Dec. 2.      | BAUERMAN, HILARY .. ..                                      | 14 Cavendish Road, Balham, S.W.                                    |
|     | 1890 Dec. 2.      | BAYLEY, GEORGE HERBERT ..                                   | 19 Cooper Street, Manchester.                                      |
|     | 1906 Apr. 3.      | *BAYLEY, VICTOR .. ..                                       | { c.o. Postmaster, Jaipur, Rajputana, India.                       |
|     | 1892 Feb. 2.      | BAYLEY, WALTER FRANCIS ..                                   | 127 Westbourne Avenue, Hull.                                       |
|     | 1884 May 6.       | *BAYLIS, PERCY .. ..  | { Richmond House, Panmure Road, Sydenham, S.E.                     |
|     | 1892 Apr. 5.      | BAYLIS, THOMAS PHILIP .. ..                                 | Droitwich, Worcester.  |
|     | 1884 Dec. 2.      | BAYLISS, THOMAS RICHARD ..                                  | Belmont, Northfield, nr. Birmingham.                               |
|     | 1891 Apr. 7.      | *BAYNES, JOSEPH HENRY ..                                    | Harbour Board, Timaru, N.Z.  |
|     | 1905 Dec. 5.      | BAYNTUN, ROBERT SOMERVILLE                                  | { Mersey Railway Power Station, Shore Road, Birkenhead.            |
|     | 1900 Apr. 3.      | BAZALGETTE, EDWARD, Junr.                                   | { Cherney, Arthur Road, Wimbledon Park, S.W.                       |
|     | 1892 Dec. 6.      | *BEADLE, FRANK EDWARD ..                                    | { 44 Morpeth Mansions, Victoria Street, S.W.                       |
|     | 1892 Mar. 1.      | *BEAL, EDWIN JAMES .. ..                                    | Southern Outfall, Crossness, Kent.                                 |
|     | 1890 May 20.      | { *BEALE, BERTRAM ROBERT, }<br>{ B.A. (Cantab.) .. .. }     |  |
|     | 1888 Jan. 10.     | BEALE, HENRY FITZ GERALD                                    | Grindlay, Groom & Co., Bombay.                                     |
|     | 1874 Jan. 13.     | { *BEAMISH, GEORGE HORATIO }<br>{ TOWNSHEND .. .. }         | Spy Hill House, Queenstown, Cork.                                  |
|     | 1880 Mar. 2.      | *BEAN, ALFRED WILLIAM THOMAS                                | 52 Porchester Terrace, Hyde Park, W.                               |
|     | 1886 May 18.      | BEAN, JOHN STENNITT .. ..                                   | L. & N. W. Ry., Crewe.   |
|     | 1853 Dec. 6.      | BEANES, EDWARD .. ..  | Moatlands, Paddock Wood, Kent.                                     |
|     | 1891 Feb. 3.      | { *BEARBLOCK, CHARLES WILLIAM }<br>{ JOHN, R.N. .. .. }     |  |
|     | 1898 Dec. 6.      | BEARD, ARTHUR CHARLES ..                                    | { London County Council, Spring Gardens, S.W.                      |
|     | 1903 Jan. 13.     | { *BEARI, SAMUEL ROBERT }<br>{ HARDWIDGE .. .. }            | Harbour Works, Colombo, Ceylon.                                    |
|     | 1899 Mar. 7.      | BEATON, ANGUS JOHN .. ..                                    | { Bayfield, North Kirsock, nr. Inverness, N.B.                     |
|     | 1892 Apr. 5.      | BEATTIE, GEORGE LENNOX ..                                   | 136 George Street, Edinburgh.                                      |
|     | 1898 Feb. 1.      | { *BEATTY, JOSEPH NICHOLSON, }<br>{ B.E. (Royal) .. .. }    | 132 Clifton Park Avenue, Belfast.                                  |
|     | 1903 Apr. 7.      | { *BEAUMONT, EUGENE GUY }<br>{ EUSTON .. .. }               | 22 Outer Temple, 222 Strand, W.C.                                  |
|     | 1887 Mar. 1.      | *BEAUMONT, PERCY MUNRO ..                                   | Maldon, Essex.   |

| Date of<br>Election. | ASSOCIATE MEMBERS.  |   |
|----------------------|---|---|
| 1891 Jan. 13.        | { BECHER, CHARLES FREDERICK,<br>B.A.I. ( <i>Dubl.</i> ) .. .. . } | 4 Walpole Street, Chelsea, S.W.                             |
| 1899 Jan. 10.        | { BECHER, WILLIAM STEWART,<br>B.A.I. ( <i>Dubl.</i> ) .. .. . }   | Cwm Elan, Rhayader, Rads.                                   |
| 1893 May 16.         | BECKETT, EDWARD HENRY ..  | { Sanctuary House, Tothill Street,<br>Westminster, S.W.     |
| 1885 Dec. 1.         | *BECKETT, WILLIAM MARROW ..                                       | 33 Brazennose Street, Manchester.                           |
| 1890 Mar. 4.         | { *BECKH, HARRY OSCAR,<br>M.A. ( <i>Cantab.</i> ) .. .. . }       | 71 Palmerston Road, Rathmines,<br>Dublin.                   |
| 1872 May 7.          | BECKINGSALE, EDGAR WILLIAM  | { 11 Western Elms Avenue, Reading,<br>Berk.                 |
| 1891 Feb. 3.         | *BECKS, GEORGE ARTHUR ..  | Broadway House, Westminster, S.W.                           |
| m 1886 May 4.        | *BECKWITH, ARTHUR .. ..   | Usk Paper Works, Crickhowell.                               |
| 1879 May 6.          | *BEEMAN, JOSEPH SAMUEL ..   | 20 Maxilla Gardens, Notting Hill, W.                        |
| m ✚ 1899 Dec. 5.     | *BEER, WALTER .. .. .   | { Caxton House, Westminster, S.W.<br>(Argano, London.)      |
| 1896 May 5.          | BEKENN, CHARLES FREDERIC ..                                       | Thos. Parker, Ltd., Wolverhampton.                          |
| 1887 Jan. 11.        | { *BELCHER, HUGH WALTER,<br>M.A. ( <i>Oxon.</i> ) .. .. . }       | 53 Drayton Gardens, S.W.                                    |
| 1891 Mar. 3.         | BELFIELD, REGINALD .. ..  | { Westinghouse Building, Norfolk<br>Street, Strand, W.C.    |
| 1905 Dec. 5.         | { BELHOMME, RICHARD MICHEL,<br>B.A.I. ( <i>Dubl.</i> ) .. .. . }  | City Engineer's Office, Bangkok,<br>Siam.                   |
| 1897 Jan. 12.        | BEIL, ANDREW WALKER .. ..   | Burgh Engineer, Dunfermline, N.B.                           |
| 1904 Jan. 12.        | { BELL, ARTHUR LANGTRY, B.E.,<br>B.A. ( <i>Royal</i> ) .. .. . }  | H.M. Dockyard, Malta.                                       |
| 1895 Dec. 3.         | { *BELL, ERNEST ALBERT SEY-<br>MOUR, F.C.H. .. .. . }             | Inglisby, Shillong, Assam.                                  |
| 1881 Dec. 6.         | BELL, GEORGE .. .. .  | Boro' Surveyor's Office, Swansea.                           |
| 1904 Apr. 12.        | *BELL, HENRY COOKE .. ..  | { Portladow Waterworks, Ballykeel<br>Cabra, Newry, Ireland. |
| 1904 Dec. 6.         | { *BELL, JAMES MALCOLM, B.Sc.,<br>( <i>Glas.</i> ) .. .. . }      | Engineer's Office, L. & N. W. Ry.,<br>Crewe.                |
| 1889 Jan. 8.         | BELL, JOHN FERGUSON .. ..   | Gas Company, Friar Gate, Derby.                             |
| 1898 Dec. 6.         | BELL, NORMAN MACLEOD ..   | { 149 Elizabeth Street, Brisbane,<br>Queensland.            |
| 1886 May 18.         | *BELL, ORIENT .. .. .   | 13 William Street, Woolwich.                                |
| 1899 Apr. 11.        | *BELL, WALTER HENRY .. ..   | { 13 Uxbridge Road, Kingston-on-<br>Thames.                 |
| 1897 Dec. 7.         | BELLAMY, ALFRED ROWE ..   | Fordsburg, Edgeley, Stockport.                              |
| 1883 Mar. 6.         | BELLAMY, HENRY FRANKLIN ..  | 6a Courtenay Street, Plymouth.                              |
| 1880 Apr. 6.         | BELTON, WILLIAM .. .. .   | Gas Light Company, Shrewsbury                               |
| 1882 May 2.          | { BENCE-PEMBROKE, FREDERICK<br>CHARLES .. .. . }                  | Hartland House, Bude, Cornwall.                             |
| 1885 Dec. 1.         | BENEST, EDWARD BENEST SHAW  | Caixa 403, Rio de Janeiro.                                  |
| 1894 Mar. 6.         | BENEST, HENRY .. .. .   | Telegraph Works, Silvertown, E.                             |
| 1884 Feb. 5.         | *BENHAM, PERCY .. .. .  | 60 Ridgmount Gardens, W.C.                                  |
| 1903 Mar. 3.         | *BENJAMIN, EDGAR LIONEL ..  | { 92 Sutherland Avenue, Maida Vale,<br>W.                   |
| 1906 Jan. 9.         | *BENJAMIN, JOSHUA BAGANDJI  | P.W.D., Lagos.  |
| 1882 Apr. 4.         | BENNATON, NEWTON .. ..  | { E. F. O. B., Cachoeira, São Paulo,<br>Brazil.             |
| 1900 Apr. 3.         | BENNETT, EDWARD LEIGH ..  | c.o. Resident-General, Selangor, S.S.                       |
| 1892 Dec. 6.         | *BENNETT, GERALD WINZAR ..  | The Close, Salisbury.                                       |
| 1889 Apr. 2.         | BENNETT, JAMES BOWER ..   | 12 Hill Street, Edinburgh.                                  |
| 1875 Apr. 6.         | BENNETT, JOHN .. .. .   | 13 Drayton Gardens, Kensington, S.W.                        |
| 1894 Dec. 4.         | { *BENNETT, LIONEL VAUGHAN,<br>B.A.I. ( <i>Dubl.</i> ) .. .. . }  | The Sutherlands, Burbage, Buxton.                           |
| 1901 Apr. 2.         | BENNETT, ROBERT FORBES ..   | { Engineer's Office, G. N. Ry.,<br>King's Cross, N.         |
| 1889 Dec. 3.         | BENNETT, THOMAS .. .. .   | { Kalk Bay Municipality, Muizen-<br>berg, Cape Colony.      |

|       | Date of Election. | ASSOCIATE MEMBERS.  |  |
|-------|-------------------|---|--|
|       | 1897 Feb. 2.      | BENNETT, THOMAS .. .. .   | 8 Hindes Road, Harrow.   |
| ✠     | 1880 Dec. 7.      | { BENNETT, WILLIAM BENJAMIN<br>GEORGE .. .. . }                         | Midland Bank Chambers, South-<br>ampton.                             |
|       | 1885 Dec. 1.      | BEN-SAUDE, JOAQUIM .. ..  | Ben-Saude & Cie., Lisbon, Portugal.                                  |
|       | 1881 Dec. 6.      | BENSON, CHRISTIAN .. ..   | { Estacion Tandil, F.C. Sud, Argen-<br>tina.                         |
|       | 1886 Apr. 6.      | *BENSON, DAVIS EDMONDSON ..   | 12 Irtton Road, Southport.   |
| ✠     | 1887 Dec. 6.      | *BENSON, JOHN JAMES BOURNE  | { Executive Engineer, Ahmednagar,<br>India.                          |
|       | 1898 Apr. 5.      | *BENSON, WILLIAM .. .. .  | Boro' Engineer's Office, Salford.                                    |
|       | 1898 Apr. 5.      | BENTLEY, JAMES HENRY .. ..  | 6 Fern Street, Oldham.   |
| T t ✠ | 1892 Jan. 12.     | BERG, SIGVARD JOHNSON .. ..   | Soazza, Switzerland.   |
|       | 1902 Dec. 2.      | { BERGIN, WILLIAM MARMA-<br>DUKE, B.E. ( <i>Royal</i> ) .. .. }         | Imperial Railways, Tientsin, China.                                  |
|       | 1894 May 22.      | *BERINGER, OTTO LEOPOLD .. ..   | Fort Jamieson, Rhodesia.   |
|       | 1896 May 19.      | *BERKELEY, ARTHUR MOWBRAY   | The Alnmers, Chertsey.   |
|       | 1891 Mar. 3.      | BERKLEY, MICHAEL GRAHAM   | King, King & Co., Bombay.  |
| m     | 1897 Dec. 7.      | *BERRIDGE, HAROLD .. .. .   | Port Engineer, Aden.   |
|       | 1906 Apr. 3.      | { *BERRIDGE, HAROLD MEREDITH<br>KING .. .. . }                          | Council Offices, Long Eaton.   |
|       | 1904 Dec. 6.      | { *BERRIE, WILLIAM CHALMERS<br>KIRKBRIDE .. .. . }                      | E. B. S. Ry., Gauhati, Assam.  |
|       | 1896 Jan. 14.     | { *BERRY, ROBERT ALEXANDER<br>JOHN .. .. . }                            | c.o. Agent, Southern Mahratta Ry.,<br>India.                         |
|       | 1891 Dec. 1.      | BERRY, WILLIAM WALTON .. ..   | Bridgewater Trust, Walkden, Lanes.                                   |
|       | 1902 Dec. 2.      | BERTHON, CLAUDE TINNE .. ..   | 49 Eastcheap, E.C.   |
|       | 1891 Apr. 7.      | *BERTLIN, ANTHONY .. .. .   | { Contractor's Office, Gerrard's Cross,<br>Bucks.                    |
|       | 1897 Feb. 2.      | BERTLIN, PERCY WALTER .. ..   | { E. Nuttall & Co., Trafford Park,<br>Manchester.                    |
|       | 1904 Dec. 6.      | *BEST, ALFRED THOMAS .. .. .  | 41 Rue de Frejus, Cannes, France.                                    |
|       | 1886 May 18.      | *BEST, HARRY ROBERTSON .. ..  | { 47 Victoria St., S.W. (Nomizo, Lon-<br>don. 3095.)                 |
|       | 1888 May 15.      | BESWICK, WILLIAM HENRY .. ..  | 214 Astley Street, Dukinfield.                                       |
|       | 1880 Dec. 7.      | BETTS, EDWARD PETO .. .. .  | Hill House, Camberley, Surrey.                                       |
|       | 1905 Jan. 10.     | *BEVAN, CORBY GARLAND .. ..   | Sunset, Llanelly.  |
|       | 1905 Apr. 4.      | BEVAN, JOHN ELLIS .. .. .   | Arlanzon, Burgos, Spain.   |
|       | 1897 Mar. 2.      | *BEVAN, PHILIP JAMES .. .. .  | { 12 Little College St., Westminster,<br>S.W.                        |
|       | 1888 Dec. 4.      | BEVERIDGE, JOHN .. .. .   | { Metropolitan Board of Water Supply,<br>Pitt Street, Sydney, N.S.W. |
|       | 1877 Mar. 6.      | *BEYNON, GEORGE WILLIAM   | G. W. Ry., Reading.  |
|       | 1892 Jan. 12.     | BEYNON, JOHN COWELL STARK   | Box 2926, Johannesburg, Transvaal.                                   |
|       | 1886 May 18.      | BHADA, NASARVANJI DORABJI   | { Stone Building, Grant Road Station,<br>Bombay.                     |
|       | 1897 Dec. 7.      | BHORE, JOHN .. .. .   |  |
|       | 1900 Jan. 9.      | { BICKERDIKE, ROBERT, JUN.,<br>Ma.E. ( <i>McGill</i> ) .. .. . }        | 180 St. James Street, Montreal,<br>Canada.                           |
|       | 1894 May 1.       | *BICKERSTETH, EDWARD CHARLES  | Ashleigh, Crewe.   |
|       | 1897 Apr. 6.      | { *BICKERTON, WILLIAM HENRY,<br>JUN., B.Sc. ( <i>Victoria</i> ) .. .. } | Engineer's Office, Northern Divi-<br>sion, Midland Ry., Derby.       |
|       | 1905 Dec. 5.      | BICKLEY, HENRY ROWLATT .. ..  | Gas Works, Vercelli, Italy.  |
|       | 1906 Feb. 6.      | *BIDDER, MAURICE McCLEAN ..   | { Royal Survey Department, Bangkok,<br>Siam.                         |
|       | 1904 Jan. 12.     | *BIDEN, FREDERICK ALAN .. ..  | P.W.D., Hong Kong.   |
|       | 1902 Jan. 14.     | { *BIDWELL, LEONARD SHELFOED,<br>B.A. ( <i>Cantab.</i> ) .. .. . }      | 13 Addison Road, Bedford Park, W.                                    |
|       | 1875 Feb. 2.      | DIEBER, ALBERT OTTO .. .. .   | Boulevard Exelmans 126, Paris.                                       |
| ✠     | 1887 Dec. 6.      | BIGGART, ANDREW STEVENSON   | { 39 Sherbrooke Avenue, Pollok-<br>shields, Glasgow.                 |
|       | 1900 Mar. 6.      | BIGGS, ALBERT ASHLEY .. .. .  | King, King and Co., Bombay.  |
|       | 1892 Dec. 6.      | *BILL, HERBERT EDWARD .. ..   | St. Nicholas, Coventry.  |



Date of  
Election.

## ASSOCIATE MEMBERS.

|           |     |  |   |
|-----------|-----|--|---|
| 1892 Mar. | 1.  | BILTON, HENRY JOHN INWOOD                                      | Ry. Dept., Melbourne, Victoria.                                 |
| 1903 Feb. | 3.  | {*BINDLOSS, EDWARD ALEX-<br>ANDER MORGAN .. ..}                | J. G. Statter & Co., Newhall Street,<br>Birmingham.             |
| 1888 Dec. | 4.  | BINET, EDWARD PHILIP .. ..                                     | Box 102, Krugersdorp, Transvaal.                                |
| 1900 Dec. | 4.  | {*BINNIE, ALEXANDER THOMAS,<br>B.A. ( <i>Cantab.</i> ) .. ..}  | 77 Ladbroke Grove, Notting Hill,<br>W.                          |
| 1903 Apr. | 7.  | *BINNS, ASA .. ..  | {Works Dept., H.M. Dockyard,<br>Chatham.                        |
| 1896 Apr. | 14. | BINNY, WILLIAM MURRAY ..                                       | {Manor Road, Teddington (Kingston<br>P.O. 394).                 |
| 1884 Feb. | 5.  | {*BIRCH, EDWARD ROBERT,<br>B.A.I. ( <i>Dubl.</i> ) .. ..}      | Birch Grove, Roscrea, co. Tipperary.                            |
| 1905 Jan. | 10. | BIRCH, HUGH MASSY .. ..  | Eng.'s Office, G.W. Ry., Paddington.                            |
| 1881 Dec. | 6.  | BIRD, GEORGE ROWLAND ..  | Akola, Berar, India.  |
| 1896 May  | 19. | *BIRD, SIDNEY JAMES .. ..                                      | {H.M. Prison, Johannesburg, Trans-<br>vaal.                     |
| 1883 May  | 29. | *BIRD, WILLIAM HENRY .. ..                                     | {Engineer's Office, G. E. Ry., Liver-<br>pool Street, E.C.      |
| 1843 Mar. | 7.  | BIRKBECK, GEORGE HENRY ..                                      | {31 King Henry's Road, Hampstead,<br>N.W.                       |
| 1883 Apr. | 3.  | *BIRKETT, ROBERT .. ..   | 33 Cavendish Rd., Brondesbury, N.W.                             |
| 1900 Dec. | 4.  | {*BIRKS, LAWRENCE,<br>B.Sc. ( <i>Adelaide</i> ) .. ..}         | Christchurch, N.Z.  |
| 1892 Dec. | 6.  | BIRNIE, NORMAN .. ..   | Ry. Dept., Melbourne, Victoria.                                 |
| 1890 Dec. | 2.  | *BIRT, RAYMOND JOHN .. ..                                      | {Irrigation Dept., Pretoria, Trans-<br>vaal.                    |
| 1901 Apr. | 2.  | *BISHOP, CHARLES HERBERT ..                                    | The Gables, Egremont, Cheshire.                                 |
| 1906 Apr. | 3.  | BISHOP, ERNEST GEORGE HAYDN                                    | 128 Eglinton Road, Plumstead, S.E.                              |
| 1904 Jan. | 12. | *BISHOP, WILFRID HOCART ..                                     | Soudan Railway, Shendi, Egypt.                                  |
| 1892 Dec. | 6.  | *BISS, CYRIL HOLM .. ..  | {District Eng., N.Z. Rys., Wanganui,<br>N.Z.                    |
| 1899 Dec. | 5.  | {BITTENCOURT, ANTONIO BAP-<br>TISTA RAMOS .. ..}               | Obras Publicas, Rua do Preiachoelo<br>151, Rio de Janeiro.      |
| 1894 Feb. | 6.  | {BLACK, GEORGE MACARTNEY<br>CAMPBELL .. ..}                    | Tilbhoom Tea Co., Chandkhira P.O.,<br>Karimganj, India.         |
| 1903 Jan. | 13. | {BLACK, JOHN FREDERICK,<br>B.Sc. ( <i>Glas.</i> ) .. ..}       | Arrol's Bridge and Roof Co., Ltd.,<br>Germiston Works, Glasgow. |
| 1901 Apr. | 2.  | {*BLACKBURN, ALFRED BROWN<br>ERNEST .. ..}                     | Water Co., Maritime Buildings,<br>Sunderland.                   |
| 1885 Apr. | 14. | *BLACKBURN, CHARLES HENRY                                      | {Garrison Engineer, Rawal Pindi<br>India.                       |
| 1883 Feb. | 6.  | *BLACKBURN, EDWARD HERBERT                                     | {Parliament Mansions, Victoria<br>Street, S.W.                  |
| 1902 Apr. | 8.  | BLACKBURN, GERALD RICKETT                                      | {Tramways Department, 15 Bridge<br>Street, Bradford.            |
| 1890 May  | 6.  | BLACKBURN, JOHN .. ..  | Colne Valley Waterworks, Bushey.                                |
| 1893 May  | 2.  | *BLACKER, JOHN RICHARD ..                                      | The Bungalow, Kilrane, Wexford.                                 |
| 1905 Mar. | 7.  | {*BLACKLOCK, GEORGE HERBERT,<br>B.A. ( <i>Cantab.</i> ) .. ..} | 39 Thurloe Place, South Kensington,<br>S.W.                     |
| 1883 Feb. | 6.  | *BLACKMORE, GEORGE FREDERICK                                   | {30 Rylett Crescent, Ravenscourt<br>Park, W.                    |
| 1895 Dec. | 3.  | BLACKSHAW, WALTER .. ..  | P.W.D., Kuala Kangsar, Perak, S.S.                              |
| 1888 Dec. | 4.  | BLACKSHAW, WILLIAM .. ..                                       | Boro' Surveyor, Stafford.                                       |
| 1905 Apr. | 4.  | {BLACKWALL, JOHN EATON,<br>B.A. ( <i>Cantab.</i> ) .. ..}      | Bakewell, Derbyshire.   |
| 1874 Apr. | 14. | BLACKWELL, CHARLES .. ..                                       | Hyde Park, Cincinnati, Ohio, U.S.                               |
| 1899 Mar. | 7.  | {*BLAINE, FREDERICK HOWIE,<br>B.A. ( <i>Cantab.</i> ) .. ..}   | Sir Frederick Blaine, Jetty Street,<br>Port Elizabeth, C.C.     |
| 1889 Jan. | 8.  | {BLAINE, ROBERT GORDON,<br>M.E. ( <i>Royal</i> ) .. ..}        | Afton Lodge, Stanley Road, South<br>Woodford, N.E.              |
| 1904 Jan. | 12. | BLAIR, GEORGE, B.Sc. ( <i>Glas.</i> )                          | {Motor Syndicato, Underwood,<br>Paisle .                        |



| Date of Election.  | ASSOCIATE MEMBERS                        |  |
|--------------------|--|--|
| 1889 Jan. 8.       | *BLAIR, GEORGE .. .. .                   | { 4 Kinnoul Place, Dowanhill, Glasgow.                       |
| 1890 Apr. 1.       | BLAKE, GEORGE BENJAMIN ..                | { County Engineer, Pahiatua, Wellington, N.Z.                |
| 1897 Apr. 6.       | BLAKE, GEORGE ROBERTSON ..               | 219 St. Vincent Street, Glasgow.                             |
| 1895 May 21.       | BLAKE, HENRY KYNASTON ..                 | 79 Tierney Road, Streatham Hill, S.W.                        |
| 1897 Feb. 2.       | *BLAKE, RUSTAT, B.A. ( <i>Cantab.</i> )  | South Harrow Railway, Ealing, W.                             |
| 1904 Jan. 12.      | *BLAKER, WILLIAM HERBERT ..              | Harbour Eng.'s Office, Douglas, [I. of M.]                   |
| 1881 Feb. 1        | { BLAKESLEY, JOHN HOLMES, ..             | 55 Victoria Street, S.W.                                     |
|                    | { M.A. ( <i>Cantab.</i> ) .. .. .        |  |
| 1869 Dec. 7.       | BLAXLAND, GEORGE .. .. .                 | Gillingham House, near Chatham.                              |
| 1896 Apr. 14.      | BLEAZBY, ROBERT, B.A.I. ( <i>Dubl.</i> ) | { Chief Engineer for Existing Lines, Perth, W.A.             |
| 1903 Apr. 7.       | BLENKINSOP, MARTIN ALFRED                | Borough Engineer's Office, Cardiff.                          |
| 1900 Mar. 6.       | { *BLES, CHARLES MARCUS, ..              | Jamalpur, E. I. Ry., Loop Line, India.                       |
|                    | { M.Sc. ( <i>Victoria</i> ) .. .. .      |  |
| 1893 Dec. 5.       | BLEW, ANDERSON WEBB ..                   | { Cia. de Tierras, Vera Santa Fé, Argentina.                 |
| 1887 May 24.       | BLIZARD, JOHN HENRY .. ..                | Lausdowne House, Southampton.                                |
| 1886 Jan. 12.      | { *BLOMFIELD, VALENTINE JOHN ..          |  |
|                    | { STUART .. .. .                         |  |
| 1887 Mar. 1.       | BLUE, JOHN ALEXANDER CRAIG               | Barrage Works, Isna, Upper Egypt.                            |
| 1884 May 27.       | BLUM, ALEXANDER SAMUEL ..                | Postfach, Galgocz, Hungary.                                  |
| 1897 Jan. 12.      | BLUNDELL, JOHN CHRISTOPHER               | { G.W. Ry., Eng.'s Office, St. George's Road, Cheltenham.    |
| 1906 Apr. 3.       | *BLYTH, BENJAMIN HALL, JUN.              | 135 George Street, Edinburgh.                                |
| 1891 Apr. 7.       | BOATH, ROBERT .. .. .                    | { N.B. Ry., 23 Waterloo Place, Edinburgh.                    |
| 1889 Dec. 3.       | BOBY, WILLIAM .. .. .                    | { Salisbury House, London Wall, E.C. (Buccula, London.)      |
| 1899 Feb. 7.       | BODDIE, CHARLES LITTLEBOY                | County Surveyor. Londonderry.                                |
| 1893 Dec. 5.       | BODE, HUBERT FRANCIS TORIANO             | { Ry. Construction Branch, P.W.D., Sydney, N.S.W.            |
| 1903 Apr. 7.       | *BODEN, ARTHUR LIONEL ..                 | 34 Maitland Park Villas, N.W.                                |
| 1882 Dec. 5.       | BOGER, JOHN RICHARD .. ..                | { West Middlesex Waterworks, Hammersmith, W.                 |
| 1899 Dec. 5.       | { *BOISSIÈRE, HECTOR ELIE DE, ..         | Admiralty Harbour Works, Dover.                              |
|                    | { B.Sc. ( <i>Edin.</i> ) .. .. .         |  |
| 1905 Jan. 10.      | { BOLAM, WALTER NORMAN, ..               | 2 Summerfield, Leith, Scotland.                              |
|                    | { B.Sc. ( <i>Edin.</i> ) .. .. .         |  |
| T t ✚ 1891 Dec. 1. | *BOLTON, REGINALD PELHAM ..              | 527 Fifth Avenue, New York, U.S.                             |
| 1889 Dec. 3.       | BOND, GEORGE CRESWELL ..                 | Aspley House, Nottingham.                                    |
| 1905 Jan. 10.      | *BOND, HERBERT IVO .. ..                 | 156 Ashley Gardens, S.W.                                     |
| 1891 Jan. 13.      | BOND, HORACE SAMUEL .. ..                | Midland Ry., Brecon.   |
| 1891 Mar. 3.       | BOND, WALTER .. .. .                     | { Town Engineer, East London, S. Africa.                     |
| 1898 Apr. 5.       | *BONHAM-CARTER, REGINALD ..              | { Soc. Española de Construcciones Metalicas, Linares, Spain. |
| 1903 Apr. 7.       | *BONSTOW, THOMAS LACEY ..                | { Lowther and Co., R.I.M. Dockyard, Bombay.                  |
| 1906 Mar. 6.       | *BOOTH, ERNEST WITTON ..                 | Borough Engineer's Office, Croydon.                          |
| 1897 Mar. 2.       | *BOOTH, HUBERT CECIL .. ..               | 25 Victoria Street, S.W.                                     |
| 1904 Jan. 12.      | { BOOTHBY, BASIL TANFIELD ..             | Jardine, Matheson & Co., Shanghai, China.                    |
|                    | { BERIDGE .. .. .                        |  |
| 1902 Apr. 8.       | { BORRETT, CHARLES ROBERT ..             | 39 Mount Park Road, Ealing, W.                               |
|                    | { DUDLEY .. .. .                         |  |
| 1893 Mar. 7.       | *BOSMAN, WALTER .. .. .                  | P.W.D., Durban, Natal.                                       |
| 1904 Dec. 6.       | BOSTOCK, JOHN EDWARD ..                  | 23 East Cliff, Dover.  |
| 1886 Dec. 7.       | *BOTHAMS, ALFRED CHAMPNEY                | 32 Clipper Lane, Salisbury.                                  |
| 1897 Mar. 2.       | *BOTLEY, CHARLES FREDERIC ..             | Guildables, Hastings.  |
| 1896 Dec. 1.       | BOTTERILL, CHARLES .. ..                 | { St. Botolph's, Fulham Palace Road, S.W.                    |

| Date of Election.  | ASSOCIATE MEMBERS.   |  |
|--------------------|--|--|
| 1892 Dec. 6.       | *BOTTLE, FRANK WALKER ..   | 46 Charlwood Street, Pimlico, S.W.                                       |
| 1899 Dec. 5.       | BOULDEN, FREDERICK .. ..   | Technical Department, University College, St George's Square, Sheffield. |
| T t † 1879 May 27. | BOULT, WILFRID SWANWICK ..   | 32 North Side, Wandsworth Common, S.W.                                   |
| 1904 Apr. 19.      | *BOULTON, CHARLES VALENTINE  | 17 Wandle Road, Upper Tooting, S.W.                                      |
| 1884 Dec. 2.       | *BOULTON, JAMES FETTES ..  | Praya Reclamation Works, Hong Kong.                                      |
| 1888 May 15.       | BOURCHIER, EDWARD HERBERT  | 13 Queen Anne's Gate, Westminster, S.W.                                  |
| 1894 Jan. 9.       | BOURCOUD, AGUSTIN EMILIO   | Credito Industrial Gijones, Gijon, Asturias, Spain.                      |
| 1894 May 22.       | BOURNE, CHARLES .. ..  | 120 Manor House Road, Newcastle-on-Tyne.                                 |
| 1884 Mar. 4.       | *BOURNE, JAMES JOHNSTONE ..  | 14 Manor Park, Lee, S.E.   |
| 1877 Dec. 4.       | BOURNE, ROBERT WILLIAM ..  | Manor House, Bishopstoke.  |
| † 1890 Feb. 4.     | *BOURNE, THOMAS JOHNSTONE  | 10 Victoria Street, S.W.   |
| 1900 Dec. 4.       | { *BOVEY, EDWARD PALK, Junr.,<br>B.A.Sc. (McGill) .. .. }                  | Briarfield, Torquay.   |
| 1896 Apr. 14.      | *BOWDEN, ERNEST NEWTON ..  | 14 Ridgefield, Manchester.   |
| 1893 Jan. 10.      | BOWDEN, FREDERICK WILLIAM  | { City Eng.'s Office, Municipal Bldgs.,<br>Liverpool.                    |
| 1899 Dec. 5.       | { BOWEN, ERNEST FRANCIS<br>SINDERBY .. .. }                                | 25 Deanville Road, Clapham Park, S.W.                                    |
| 1906 Apr. 3.       | *BOWEN, HENRY FARRE .. ..  | H.M. Dockyard, Portsmouth.   |
| 1881 Apr. 5.       | BOWEN, JOHN .. ..  | Borough Engineer, Reading.   |
| 1900 Dec. 4.       | { *BOWEN, MERVYN WILLIAM<br>COLE, B.A.I. (Dubl.) .. .. }                   | Government Railway Extension, Colombo, Ceylon.                           |
| 1890 Dec. 2.       | BOWEN-JONES, WILLIAM THOMAS  | Bronala, Carnarvon.  |
| 1899 Mar. 7.       | *BOWER, THOMAS BOWYER ..   | 29 Woodville Road, Ealing, W.  |
| 1904 Jan. 12.      | BOWER, WILLIAM NELSON ..   | { Corn Exchange Buildings, Man-<br>chester.                              |
| 1905 Jan. 10.      | *BOWERS, PERCY LLOYD .. ..   | P.O., Poona, India.  |
| † 1891 Dec. 1.     | BOWES, ARTHUR .. ..  | Town Hall, Earlestown, Lancs.  |
| 1898 Mar. 1.       | BOWKER, ARTHUR FRANK ..  | Seal, Sevenoaks.   |
| 1893 Mar. 7.       | BOWLES, AUGUSTUS ROBERT ..   | Surveyor's Office, Sandgate.   |
| 1894 May 1.        | *BOWMAN, ERNEST JOHN VIVIAN  | { Bengal-Nagpur Ry., Adra, Man-<br>blum, Bengal.                         |
| 1900 Dec. 4.       | BOWMAN, JOHN .. ..   | Post Office, Dunedin, N.Z.   |
| 1896 Apr. 14.      | BOX, EDWARD .. ..  | Smith's Dock Co., North Shields.   |
| 1903 Apr. 7.       | { *BOYAJIAN, HENRY SAMUEL<br>ROGERS .. .. }                                | Assam-Bengal Ry., Maibang, N. Cachar, Assam.                             |
| 1896 Apr. 14.      | BOYD, ANDREW, B.E. (Royal)   | 48 Church St., Ballymena, Ireland.                                       |
| 1899 Apr. 11.      | BOYD, JOHN CAMPBELL ..   | East View, Castlecarrock, nr. Carlisle.                                  |
| 1880 Dec. 7.       | BOYLAN, JOHN .. ..   | Imperial Chambers, Auckland, N.Z.  |
| 1902 Jan. 14.      | { *BOYLE, EDWARD SEYMOUR<br>SKINNER .. .. }                                | 28 Sparsholt Road, Crouch Hill, N.                                       |
| 1895 Apr. 2.       | *BOYLE, JOHN CHARTERS ..   | The Mall, Armagh.  |
| 1898 Feb. 1.       | BRACKEN, THOMAS WILSON ..  | 40 Grey Street, Newcastle-on-Tyne.                                       |
| 1898 Apr. 5.       | { *BRACKENBURY, CHARLES<br>ERNEST .. .. }                                  | 4 Elm Court, Middle Temple, E.C.   |
| 1893 Feb. 7.       | { *BRADFIELD, JOHN JOB CREW,<br>M.E. (Sydney) .. .. }                      | Roads and Bridges Dept., Sydney, N.S.W.                                  |
| 1889 Jan. 8.       | *BRADFORD, HUGH MELLER ..  |  |
| 1902 Dec. 2.       | BRADFORD, MARK GORDON ..   | P.W.D., Kuching, Sarawak, Borneo.  |
| 1893 Feb. 7.       | *BRADLEY, ARTHUR WALTER ..   | Boro' Engineer, Bury, Lancs.   |
| 1906 Apr. 3.       | BRADSHAW, ARTHUR STANLEY   | 4 Alexandra Road, Bedford.   |
| 1895 Dec. 3.       | *BRADSHAW, JOHN BARKER ..  | { Officers' Quarters, Library Street,<br>Gibraltar.                      |
| 1906 Apr. 3.       | { BRADSTREET, Sir EDWARD<br>SIMON VICTOR, Bart.,<br>B.A.I. (Dubl.) .. .. } | Castilla, Clontarf, Dublin.  |

| Date of<br>Election. | ASSOCIATE MEMBERS.                                      |  |
|----------------------|---|--|
| 1892 May 24.         | *BRADY, CHARLES ROBERT ..                               | { 55 Garner's Lane, Davenport. nr.<br>Stockport.         |
| 1888 Mar. 6.         | { BRAGA, ANTONIO LUSTOZA<br>PEREIRA .. .. . }           | P.O. Box 642, Rio de Janeiro.                            |
| 1900 Dec. 4.         | *BRAID, GEORGE GLADMAN ..                               | { 138 Cambridge Drive, Kelvinside,<br>Glasgow.           |
| 1891 May 5.          | { BRAIN, FRANK WILLIAM<br>THOMAS .. .. . }              | Trafalgar House, Drybrook, Glos.                         |
| C ✕ 1903 Apr. 7.     | { BRAINE, CHARLES DIMOND<br>HORATIO .. .. . }           | Irrigation Dept., Pretoria, Transvaal.                   |
| 1884 Dec. 2.         | BRAMAH, EDWARD HENRY ..                                 | Clonsceen, Bridge of Weir, N.B.                          |
| 1883 Dec. 4.         | BRAMHAM, WILLIAM .. ..                                  | 86 Bow Road, E.  |
| 1894 Dec. 4.         | BRANDRAM, ANDREW GEORGE                                 | { Portsmouth Corporation, Festing<br>Grove, Southsea.    |
| 1897 Apr. 6.         | BRANFILL, BENJAMIN .. ..                                | 26 London Rd., Neath, South Wales.                       |
| 1863 Jan. 13.        | BRASSINGTON, JOHN WATTS ..                              | 17 Gloucester Walk, Campden Hill, W.                     |
| 1894 Dec. 4.         | *BRAZIL, JOSEPH PETER .. ..                             | Vulcan Works, Avonside, Bristol.                         |
| 1894 Dec. 4.         | *BREARLEY, FREDERICK THOMAS                             | Ansdeil Road, Rainhill, Lancs.                           |
| 1904 Jan. 12.        | { *BREARLEY, JOSEPH HENRY<br>DRAPER, B.E. (Sydney) .. } | Noyes Bros., 17 Queen Street, Mel-<br>bourne.            |
| 1880 Feb. 3.         | *BREBNER, ROBERT CHARLES ..                             | 4A St. Andrew Square, Edinburgh.                         |
| 1890 Mar. 4.         | *BREMNER, ALEXANDER .. ..                               | G.I.P. Ry., Akola, Berar, India.                         |
| 1895 Dec. 3.         | *BREMNER-DAVIS, WILLIAM JOSEPH                          | { Read & Co., 5 Colston Buildings,<br>Malvern Link.      |
| 1888 Dec. 4.         | *BRENCHLEY, JOHN VAUGHAN                                | Glanceirw, Cardigan.                                     |
| 1891 Dec. 1.         | BRERETON, LEONARD .. ..                                 | Govt. Rys., Maritzburg, Natal.                           |
| 1885 Apr. 14.        | *BREWER, FRANK .. .. .                                  | { Orange Height Avenue, West<br>Orange, N.J., U.S.       |
| 1901 Dec. 3.         | { *BREWER, ROBERT WELLESLEY<br>ANTONY .. .. . }         | Queen Anne's Mansions, St. James's<br>Park, S.W.         |
| 1883 May 1.          | { BREWSTER, EDWIN HENRY<br>GEORGE .. .. . }             | 12 Dartmouth Street, Queen Anne's<br>Gate, S.W.          |
| 1879 Feb. 4.         | *BRICE, EDWARD ERNEST .. ..                             | Box 445, North Bay, Ontario, Canada.                     |
| 1886 Mar. 2.         | *BRICKNELL, FREDERICK WILLIAM                           | City Engineer's Office, Hull.                            |
| 1897 Jan. 12.        | BRIERLEY, BRANDON TALFOURD                              | Linthwaite, Delph, Oldham.                               |
| 1894 Dec. 4.         | BRIERLEY, JOHN HENRY .. ..                              | Boro' Surv.'s Office, Richmond, S.W.                     |
| ✕ 1877 Apr. 10.      | BRIFFAULT, FREDERIC .. ..                               | 6 Cathcart Road, Kensington, S.W.                        |
| 1884 Dec. 2.         | BRIGDEN, JAMES .. .. .                                  | 11 Clifton Terrace, Brighton. (37.)                      |
| 1891 Dec. 1.         | BRIGGS, CHARLES .. .. .                                 | Howden, East Yorks. [S.W.]                               |
| ✕ 1889 Mar. 5.       | *BRIGHT, CHARLES, F.R.S.E. ..                           | 21 Old Queen Street, Westminster,                        |
| 1889 Jan. 8.         | *BRIGHT, PHILIP .. .. .                                 | 2 Newgate Street, E.C.                                   |
| 1904 Feb. 2.         | *BRIGHTON, FREDERICK GRANT                              | H.M. Dockyard, Hong Kong.                                |
| 1886 Jan. 12.        | *BRINCKMAN, WILLIAM HENRY                               | Glan y Bala, Llanberis, N. Wales.                        |
| 1900 Dec. 4.         | { *BRINDLEY, HARRY SAMUEL<br>BICKERTON .. .. . }        | 3 Awoicho, Akasaka, Tokio, Japan.                        |
| 1886 Apr. 6.         | *BRINE, ERNEST AUGUSTUS ..                              | Norfolk House, Angmering, Sussex.                        |
| 1897 Mar. 2.         | BRISTED, RICHARD BOWER ..                               | c.o. R. F. Blair, 6 Eastcheap, E.C.                      |
| 1897 Apr. 6.         | BRISTOW, ARTHUR GEORGE ..                               | { St. Andrew's Works, Bury St.<br>Edmunds.               |
| 1897 Jan. 12.        | { *BRISTOW, CHARLES THEODORE<br>LYTTELTON .. .. . }     | Promenade Offices, Colwyn Bay,<br>N. Wales.              |
| 1892 Dec. 6.         | BRITTAIN, SAMUEL GEORGE ..                              | Delta Light Rys., Tintah, Egypt.                         |
| 1896 Dec. 1.         | BRITTEN, THOMAS JOHNSON ..                              |  |
| 1904 Jan. 12.        | *BROADBENT, FRANCIS JAMES ..                            | University College, Bristol.                             |
| 1905 Apr. 4.         | BROADBERRY, ARTHUR EDWARD                               | { Elmlea, Willoughby Lane, Totten-<br>ham, N.            |
| 1901 Dec. 3.         | *BROADBRIDGE, WALTER ..                                 | { 105-6 Cullinan Building, Johannes-<br>burg, Transvaal. |
| 1902 Apr. 8.         | { *BRODHURST, HUGH,<br>M.A. (Cantab.) .. .. . }         | Trevena, Christchurch Road, Chel-<br>tenham.             |
| 1905 Apr. 4.         | *BRODIE, BASIL HEATH .. ..                              | 8 Victoria Place, Hartlepool.                            |
| 1895 Dec. 3.         | *BRODIE, JOHN BOYD .. ..                                | 141 West George Street, Glasgow.                         |



| Date of Election. |          | ASSOCIATE MEMBERS.   |  |
|-------------------|----------|--|--|
| 1886              | Dec. 7.  | *BRODIE, JOHN SHANKS .. ..   | Town Hall, Blackpool.  |
| 1899              | Dec. 5.  | BRODIE, WILLIAM .. ..  | Dockyard, Liverpool.   |
| 1899              | Dec. 5.  | *BROMAGE, EDWIN ELLIOTT ..   | { Thames Conservancy, Embankment, E.C.                               |
| 1905              | Dec. 5.  | BROMLEY, ROBERT .. ..  | { Public Works Department, Cape Town, Cape Colony.                   |
| 1904              | Dec. 6.  | BROMLY, ALAN .. ..   | Council Offices, Croydon.  |
| 1884              | Jan. 8.  | BROOKE, WALTER .. ..   | { Lympstone, Goddington Road, Rochester.                             |
| 1904              | Apr. 12. | BROOKES, ALBERT MATTHEW ..   | { G. W. Ry., Engineer's Office, Plymouth.                            |
| 1905              | Dec. 5.  | { *BROOKES, WILLIAM ROBERT<br>PHILPOT .. ..                                    | Public Works Dept., Bombay.  |
| 1891              | Dec. 1.  | *BROOKS, ALBERT .. ..  | { Sir John Jackson, Admiralty Harbour, Simon's Town, S. Africa.      |
| 1891              | May 12.  | *BROOKS, ALFRED .. ..  | Tweed River Harbour Works, N.S.W.                                    |
| ✠ 1899            | Apr. 11. | BROOME, GEORGE HERBERT ..  | Westport, New Zealand.   |
| 1897              | Feb. 2.  | BROSTER, ROBERT BUCK ..  | { Craven Bank Chambers, North Street, Keighley.                      |
| 1889              | May 21.  | *BROUGH, JOHN WATKINS ..   | 23 Rue de Birmingham, Brussels.                                      |
| m 1883            | May 1.   | *BROUGHTON, URBAN HANLON ..  | 42 Broadway, New York, U.S.  |
| 1905              | Mar. 7.  | { *BROUNGER, WILLIAM HENRY<br>PRESCOTT .. ..                                   | Engineer's Office, Dock Extension Works, Middlesbrough.              |
| 1894              | May 1.   | BROWN, ANDREW .. ..  | { 110 Cannon Street, E.C. (Browpost, London. Bank 647.)              |
| 1890              | Apr. 1.  | *BROWN, ARTHUR RICHARD ..  | { Billiter Square Buildings, E.C. (Embedded, London. Avenue 598.)    |
| 1901              | Dec. 3.  | BROWN, CUTHBERT .. ..  | { Boro' Surveyor and Water Engineer, Chelmsford.                     |
| 1905              | Dec. 5.  | *BROWN, CUTHBERT CHALMERS  | 4 Portland Place, Leek.  |
| 1887              | Mar. 1.  | BROWN, EDWARD JOHNSON ..   | 16 Bigby Street, Brigg, Lines.                                       |
| 1883              | Dec. 4.  | *BROWN, FREDERICK BENJAMIN   | 7 Albion Road, Sutton, Surrey.                                       |
| 1882              | May 23.  | BROWN, GEORGE WILLIAM ..   | { Trollhättan, Craven Road, Reading (251).                           |
| 1905              | Dec. 5.  | *BROWN, JOHN, B.Sc. (Glas.) ..   | Lochar Terrace, Bridge-of-Weir.                                      |
| 1895              | May 21.  | { BROWN, MATTHEW TAYLOR,<br>B.Sc. (Glas.) .. ..                                | 21 Bisham Gardens, Highgate, N.                                      |
| 1897              | Mar. 2.  | BROWN, REGINALD .. ..  | Public Offices, Southall, Middlesex.                                 |
| 1906              | Apr. 3.  | BROWN, ROBERT .. ..  | { S.E. & C. Ry. Eng.'s Office, London Bridge, S.E.                   |
| 1877              | Dec. 4.  | BROWN, THOMAS COMMON ..  | 147 Woodbridge Road, Ipswich.  |
| 1897              | Dec. 7.  | *BROWN, WILLIAM, B.Sc. (Edin.)   | Irrigation Dept., Colombo, Ceylon.                                   |
| 1905              | Dec. 5.  | BROWN, WILLIAM ANTHONY ..  | { Kirby, Son and Brown, 1 Victoria Street, S.W.                      |
| f m 1902          | Jan. 14. | { *BROWN, WILLIAM LOWE,<br>M.Sc. (Victoria) .. ..                              | Pennsylvania Tunnels, 1 West 34th Street, New York, U.S.             |
| 1903              | Feb. 3.  | { *BROWNE, BENJAMIN CHAPMAN,<br>JUN. .. ..                                     | 8 Lambton Road, Newcastle-on-Tyne.                                   |
| 1895              | May 21.  | *BROWNE, GERARD MACLEAY ..   | { 4 Hanbury Street, Kalgoorlie, Western Australia.                   |
| 1889              | Apr. 2.  | BROWNE, JOHN .. ..   | Galdames Ry., Portugalete, Spain.                                    |
| 1902              | Jan. 14. | *BROWNE, WILLIAM LYON ..   | { Atlantic, Quebec, and Western Railway, New Carlisle, P.Q., Canada. |
| 1889              | Dec. 3.  | BROWNING, ROBERT ALEXANDER   | Gasworks, Neath.   |
| 1892              | Feb. 2.  | BRUCE, HENRY .. ..   | 67 Crossgate, Cupar, Fife, N.B.                                      |
| m ✠ 1904          | Jan. 12. | *BRUCE, ROBERT .. ..   | { Engineer's Dept., London County Council, Spring Gardens, S.W.      |
| 1895              | May 21.  | BRUCE, ROBERT ARTHUR ..  | { Buckton & Co., Wellhouse Foundry, Leeds.                           |
| 1888              | Apr. 10. | { *BRUCE, ROBERT NIGEL DAL-<br>RYMPLE, Major, late W. Riding<br>Regiment .. .. | 33 Belsize Crescent, Hampstead, N.W.                                 |

| Date of Election. |               | ASSOCIATE MEMBERS.   |   |
|-------------------|---------------|--|---|
| ✠                 | 1884 Mar. 4.  | *BRUGES, CHARLES ERNEST ..   | 1 Victoria Street, S.W.   |
|                   | 1889 Apr. 2.  | BRUNDRETT, ALEXANDER ..  | 1 Plasturton Avenue, Cardiff.                                     |
|                   | 1904 Dec. 6.  | BRUNT, FRANK HOYLE ..  | { 64 Heald Place, Rusholme, Man-<br>chester. [N.S.W.]             |
|                   | 1886 May 4.   | BRUNTON, PHILIP GEORGE ..  | Roads & Bridges Dept., Sydney                                     |
|                   | 1889 Feb. 5.  | *BRUNTON, SYDNEY LINTON ..   | { British Westinghouse Co, Trafford<br>Park, Manchester.          |
|                   | 1904 Dec. 6.  | BRYAN, BERNARD WILLIAM ..  | { Woodside, Nelmes Park, Horn-<br>church, Essex.                  |
|                   | 1900 Dec. 4.  | BRYANS, JOHN GEORGE ..   | { Estacion Palermo, F.C. Pacifico,<br>Buenos Aires.               |
|                   | 1900 Feb. 6.  | BRYCE, JOHN .. .. .  | { Burgh Surveyor's Office, Partick,<br>Glasgow.                   |
|                   | 1892 Dec. 6.  | *BRYDGES, JOHN KEMPE ..  | Electricity Works, Eastbourne.                                    |
|                   | 1894 Dec. 4.  | *BUCHAN, JAMES .. ..   | { Rhodesia Rys., Box 422, Bulawayo,<br>South Africa.              |
|                   | 1899 Dec. 5.  | BUCHANAN, JOHN HUGH ..   | 5 Oswald Street, Glasgow.   |
|                   | 1903 Apr. 7.  | *BUCKLEY, ARTHUR BURTON, Jun.  | { Second Irrigation Circle., P.W.D.,<br>Cairo, Egypt.             |
|                   | 1900 Dec. 4.  | BUCKLEY, HERBERT EDWIN ..  | 4 Charles Street, Bradford.                                       |
|                   | 1895 Dec. 3.  | BUCKLEY, JOSEPH WILLIAM ..   | Gasworks, Devonport.  |
|                   | 1897 Jan. 12. | BUCKLEY, MICHAEL JAMES ..  | 26 Bessbro' Terrace, N.C.R., Dublin.                              |
|                   | 1894 Feb. 6.  | *BUCKNALL, HARRY .. ..   | P.W.D., Jaffna, Ceylon.   |
|                   | 1890 Feb. 4.  | BUDHBHATTI, KESHAVJI SHAMJI  | P.W.D., Bhuj, Cutch, India.                                       |
|                   | 1896 Dec. 1.  | *BULFIN, IGNATIUS, B.A. (Royal)                                      | { Boro' Electrical Engineer, Southcote<br>Road, Bournemouth.      |
|                   | 1888 May 15.  | *BULL, HARRY FREESTONE ..  | County Surveyor's Office, Chester.                                |
|                   | 1881 Dec. 6.  | BULL, JAMES .. .. .  | Valverde, Eaton Gardens, W. Brighton.                             |
|                   | 1876 Mar. 7.  | BULL, WILLIAM .. .. .  | { c.o. Mrs. Bull, 153 Westbourne<br>Terrace, W.                   |
|                   | 1904 Dec. 6.  | *BULLIVANT, FRANK .. ..  | 260 Honeywell Lane, Oldham.                                       |
|                   | 1885 Dec. 1.  | BULLOCK, CYRUS .. .. .   | 67 King Street, Manchester.                                       |
|                   | 1887 Mar. 1.  | BULLOCK, FRANK .. .. .   | 150 Leadenhall Street, E.C.                                       |
|                   | 1885 May 19.  | BULLOUGH, ROBERT CROSSLEY  | Corporation Tramways, Colchester.                                 |
|                   | 1890 Dec. 2.  | BULLOUGH, THOMAS ALLEN ..  | Parkside, Appleton, Widms.  |
|                   | 1897 Apr. 6.  | BULMAN, HARRISON FRANCIS ..  | { Barends Close, Burnopfield, co.<br>Durham.                      |
| ✠                 | 1890 Feb. 4.  | BULMER, GEORGE HARLEY ..   | Alquife, Guadix, Spain.   |
|                   | 1891 Dec. 1.  | *BULTEEL, HILLERSDEN ..  | Naval Bank, Plymouth.   |
|                   | 1883 Dec. 4.  | *BUNNING, CHARLES ZIETHEN ..   | { c.o. British Consular Agent, Par-<br>derma, Constantinople.     |
|                   | 1891 Apr. 7.  | { BURDEN, ALEXANDER MITCHELL,<br>B.E. (Royal) .. .. .                | County Surveyor, Kilkenny.  |
|                   | 1874 Jan. 13. | *BURDER, WALTER CHAPMAN ..   | Horticultural Works, Loughborough.                                |
|                   | 1903 Apr. 7.  | BURDON, HARRY .. .. .  | Glenord, Lasswade, N.B.   |
|                   | 1896 Jan. 14. | BURDON, JOHN .. .. .   | 101 Grosvenor Road, S.W.  |
|                   | 1904 Feb. 2.  | *BURFORD, ALFRED WILLIAM ..  | { 94 Minard Road, Hither Green,<br>Catford, S.E.                  |
|                   | 1904 Apr. 12. | *BURGE, HENRY .. .. .  | Crompton & Co., Chelmsford.                                       |
|                   | 1892 Apr. 5.  | *BURGESS, ARTHUR JOHN ..   | { 13 Woodstock Avenue, Redland,<br>Bristol.                       |
|                   | 1898 Mar. 1.  | { BURKITT, JAMES PARSONS, B.E.<br>(Royal) .. .. .                    | County Surveyor, Enniskillen,<br>Ireland.                         |
|                   | 1888 Dec. 4.  | BURMAN, ERNEST SYDNEY ..   | Town Hall, Melbourne, Victoria.                                   |
|                   | 1905 Jan. 10. | { *BURMAN, JOHN HAROLD<br>M.Sc. (Victoria) .. .. .                   | Eng.'s Office, Lancashire and York-<br>shire Railway, Manchester. |
|                   | 1904 Apr. 12. | *BURN, WALTER .. .. .  | Council Offices, Sutton-in-Ashfield.                              |
|                   | 1895 Dec. 3.  | *BURNE, EDWARD LANCASTER   | 14 Victoria Street, Westminster, S.W.                             |
|                   | 1894 Mar. 6.  | *BURNETT, CUTHBERT MILLER  | 24 Portland Street, Southampton.                                  |
|                   | 1904 Jan. 12. | { *BURRELL, JAMES THOMAS<br>HAROLD RICHARD HUGH<br>LEDICOTTE .. .. . | 23 Westgate Road, Dartford, Kent.                                 |

Date of  
Election.

## ASSOCIATE MEMBERS.

|     |               |   |   |
|-----|---------------|---|---|
|     | 1886 Apr. 6.  | *BURRELL, LEONARD .. ..                                 | 37 Rua Santa Luzia, Rio de Janeiro.   |
|     | 1895 Dec. 3.  | *BURROUGH, EDWARD SAVILLE .. ..                         | Eanswythe, Thornton Heath.  |
|     | 1895 May 21.  | BURROWS, EDMUND .. ..                                   | Swellendam, Cape Colony.  |
|     | 1883 May 29.  | *BURT, HENRY PARSALL .. ..                              | {Manager, E.B.S. Ry., Calcutta,<br>India.   |
|     | 1896 Dec. 1.  | *BURTON, AMOS .. ..                                     | Borough Engineer, Stoke-on-Trent.   |
|     | 1885 Dec. 1.  | *BURTON, GEORGE LEWIS .. ..                             | {Warren Road, Blundellsands,<br>Liverpool.  |
|     | 1906 Apr. 3.  | {BURTON, WILLIAM ERNEST<br>HADFIELD .. ..               | Glenholme, Shipley.   |
|     | 1894 Mar. 6.  | BUSCARLET, FRANCIS CHARLES .. ..                        | {N.E. Ry., Engineer's Office, New-<br>castle-on-Tyne.   |
|     | 1902 Apr. 8.  | BUSH, WALTER ERNEST .. ..                               | City Engineer, Auckland, N.Z.   |
|     | 1895 Feb. 5.  | BUSHE, ROBERT JOHN SCOTT .. ..                          | P.W.D., Georgetown, British Guiana.   |
|     | 1900 Feb. 6.  | {*BUSHELL, CHARLES LESTOUR-<br>GEON .. ..               | Grindlay, Groom & Co., Bombay.  |
|     | 1881 May 31.  | {BUSK, CHARLES WESTLY,<br>M.A. ( <i>Cantab.</i> ) .. .. | Kokanee Creek, Nelson, British<br>Columbia.   |
|     | 1896 Dec. 1.  | BUTCHER, ARTHUR HOLT .. ..                              | Burma Rys. Co., Rangoon, Burma.   |
| †   | 1895 Feb. 5.  | BUTLER, DAVID BUTLER .. ..                              | 41 Old Queen St., Westminster, S.W.   |
|     | 1884 Feb. 5.  | BUTLER, JAMES .. ..                                     | Box 2327, Johannesburg, Transvaal.  |
|     | 1905 Dec. 5.  | *BUTLER, JOSEPH FAWKNER .. ..                           | {Ingleside, Granville Road, New-<br>castle-on-Tyne.   |
|     | 1904 Apr. 12. | {BUTLIN, WILLIAM TRENTHAM<br>SYMONS .. ..               | Admiralty, 21 Northumberland<br>Avenue, W.C.  |
|     | 1881 Dec. 6.  | BUTT, HENRY WILLIAM .. ..                               | {Eng.'s Office, S.E. Ry., London<br>Bridge, S.E.  |
|     | 1906 Apr. 3.  | BUTTERFIELD, ARTHUR ERNEST .. ..                        | 46 Jalland Street, Hull.  |
|     | 1905 Apr. 4.  | {*BUTTERFIELD, HERBERT<br>MITCHELL .. ..                | {c.o. Messrs. Tomlinson & Lermitt,<br>1 Raffles Quay, Singapore, Straits<br>Settlements. [C.C.] |
| m † | 1899 Feb. 7.  | *BUTTEWORTH, ARTHUR SHAW .. ..                          | Municipal Engineer, Port Elizabeth,   |
|     | 1902 Dec. 2.  | *BYRDE, EDWIN AUGUSTUS .. ..                            | c.o. Grindlay, Groom & Co., Bombay.   |
|     | 1889 Dec. 3.  | BYRES, DAVID THOMSON .. ..                              | 104 Hamilton Place, Aberdeen.   |
|     | 1904 Apr. 19. | BYWATER, FREDERICK JONATHAN .. ..                       | Gas Works, Saltley, Birmingham.   |
|     | 1904 Dec. 6.  | *BYWATERS, STANLEY HAYDON .. ..                         | {The Meads, Alexandra Road, Wat-<br>ford.   |
|     | 1905 Apr. 4.  | CABENA, RICHARD HANSON .. ..                            | Elmview, Edridge Road, Croydon.   |
|     | 1877 Dec. 4.  | CABEZAS, ADOLFO GARCIA .. ..                            | Matagorda Graving Dock, Cadiz.  |
|     | 1889 Jan. 8.  | CABLE, HENRY DARLINGTON .. ..                           | Brooklyn, Walsingham Rd., Hove.   |
| †   | 1892 Dec. 6.  | *CAACCIA, JULIAN EDWARD .. ..                           | 24 Via Gino Capponi, Florence.  |
|     | 1890 May 20.  | *CAFFIN, HERBERT ALEXANDER .. ..                        | {Contractor's Office, Taffs Well,<br>Cardiff.   |
|     | 1894 Jan. 9.  | CAINK, THOMAS .. ..                                     | Guildhall, Worcester.   |
|     | 1886 Dec. 7.  | CAIRNCROSS, THOMAS WILSON .. ..                         | {Duncan Chambers, Shortmarket<br>Street, Cape Town, C.C.  |
|     | 1891 Apr. 7.  | *CAIRNES, FREDERICK EVELYN .. ..                        |   |
|     | 1896 Dec. 1.  | CAIRN-HODGE, ARTHUR .. ..                               |   |
|     | 1904 Dec. 6.  | {*CALCOTT, FREDERICK SEPTIMUS<br>BERKELEY .. ..         | Woodhall, Duncans, Vancouver, B.C.  |
|     | 1902 Dec. 2.  | CALDER, WILLIAM .. ..                                   | City Engineer, Prahran, Victoria.   |
|     | 1883 Dec. 4.  | *CALDICOTT, HARVEY .. ..                                |   |
|     | 1887 May 24.  | CALLAN, NICHOLAS .. ..                                  | Harbour Engineer, Dundalk.  |
|     | 1884 May 6.   | CALLCOTT, JOHN HOPE .. ..                               | Draycot, Cadogan Road, Surbiton.  |
|     | 1886 Dec. 7.  | CALLEN, THOMAS .. ..                                    | Boro' Engr.'s Office, Kimberley.  |



| Date of Election. |  | ASSOCIATE MEMBERS.  |  |
|-------------------|--|---|--|
| 1902 Dec. 2.      | CALVERT, ERNEST ALDERSON   | 15 Tadema Road, Chelsea, S.W.   |  |
| 1894 Dec. 4.      | *CALVERT, THOMAS COPLEY ..   | Maybank, Manly, N.S.W.  |  |
| 1899 Feb. 7.      | {*CAMERON, ARCHIBALD PRES-<br>TON, B.A. ( <i>Cantab.</i> ) .. ..}    | J. Simpson & Co., Ltd., 101 Grosvenor Road, S.W.                              |  |
| 1901 Apr. 2.      | *CAMERON, ARTHUR .. ..   | {Engineer's Office, N.E. Ry., New-<br>castle-on-Tyne.                         |  |
| 1885 Apr. 14.     | CAMERON, JAMES .. ..   | {1 Maitland Avenue, Langside, Glas-<br>gow.                                   |  |
| 1893 Dec. 5.      | CAMERON, JOHN MINDORO ..   | D.P.W., Sydney, N.S.W.  |  |
| 1891 Dec. 1.      | {CAMERON, WILLIAM LOCHIEL<br>SAPTE LOVETT .. ..}                     | c.o. H. S. King & Co., Pall Mall,<br>S.W. [S.W.]                              |  |
| 1885 Apr. 14.     | CAMPBELL, ALBERT JOHNSTONE   | 22 Gledhow Gardens, S. Kensington,<br>Biddenham House, Biddenham,<br>Bedford. |  |
| 1899 Apr. 11.     | *CAMPBELL, CHARLES ORR ..  | {Burma Rys. Co., Rangoon, Burma.<br>The Rowan Tree, Berkhamsted.              |  |
| 1905 Dec. 5.      | *CAMPBELL, COLIN STUART ..   | {Egerton, Hubbard & Co., St. Peters-<br>burg.                                 |  |
| 1883 Dec. 4.      | CAMPBELL, ROBERT LEWIS ..  | {Cremorne Street, South Perth, W.<br>Australia.                               |  |
| 1886 Mar. 2.      | CAMPBELL, WALTER HOPE ..   | {Hull.  |  |
| 1875 Apr. 6.      | *CAMPBELL, WILLIAM DUGALD  | L. & N. W. Ry., Walsall.  |  |
| 1881 Apr. 5.      | CAMPBELL-THOMPSON, JOHN ..   | Avenue Henri Martin 87, Paris.  |  |
| 1892 Apr. 5.      | CANBY, THOMAS .. ..  | {Aragon House, Clytha Park, New-<br>port, Mon.                                |  |
| 1878 Feb. 5.      | CANET, GUSTAVE ADOLPHE ..  | {St. Ronans, Leicester Road, New<br>Barnet, Herts.                            |  |
| 1886 Jan. 12.     | CANNING, THOMAS .. ..  | Green Oak, Totley, Sheffield.   |  |
| 1899 Feb. 7.      | CANNON, WILLIAM HENRY ..   | 75 Pitt St., Sydney, N.S.W. (436.)  |  |
| 1885 Dec. 1.      | *CAPRON, ATHOL JOHN .. ..  | M. Pernambuco.  |  |
| * 1890 Jan. 14.   | CARDEW, JOHN HAYDON .. ..  | Bouges, near Horsham, Sussex.   |  |
| 1875 Feb. 2.      | *CARDOZO, FRANCISCO CORREA DE M.                                     | {Junior Constitutional Club, Picca-<br>dilly, W.                              |  |
| 1896 Mar. 3.      | *CAREW-GIBSON, HARRY FREDERICK                                       | {Sunnyside Avenue, Uddingston,<br>Glasgow.                                    |  |
| 1893 Feb. 7.      | *CAREW-GIBSON, JOHN GEORGE   | Holme Lodge, Wimbledon, S.W.  |  |
| 1888 Jan. 10.     | *CAREY, EVELYN GEORGE ..   | {Pridock House, Bamford, near<br>Sheffield.                                   |  |
| 1871 Mar. 7.      | *CARFRAE, JAMES ALSTON ..  | Chenab Canal, Lyallpur, Punjab.   |  |
| 1894 Feb. 6.      | *CARMICHAEL, GEORGE HENRY  | {Royal Small Arms Factory, Enfield<br>Lock.                                   |  |
| 1891 Mar. 3.      | *CARNE, FREDERICK WILLIAM ..   | Laboratory, Arsenal, Woolwich.  |  |
| 1903 Apr. 7.      | CARNEGIE, FRANCIS .. ..  | Cazenovia, New York, U.S.   |  |
| 1902 Apr. 8.      | CARNEGIE, WILLIAM ... ..   | Gasworks, Great Yarmouth.   |  |
| 1889 Dec. 3.      | *CARPENTER, JESSE FAIRFIELD  | {1 Hurlingham Court Mansions,<br>Hurlingham Road, S.W.                        |  |
| 1889 Apr. 2.      | CARPENTER, WILLIAM JOHN ..   | {42 Barrow Road, Streatham<br>Common, S.W.                                    |  |
| 1891 Mar. 3.      | *CARPMAEL, HENRY GIFFORD ..  | {G.W. Ry. Harbour Works, Good-<br>wick, Pembrokeshire.                        |  |
| 1897 Apr. 6.      | CARPMAEL, HERBERT .. ..  | 85 Kirkstall Road, Leeds.   |  |
| 1901 Feb. 5.      | *CARPMAEL, RAYMOND .. ..   | 1 Craufurd Terrace, Maidenhead.   |  |
| 1905 Mar. 7.      | *CARR, CHRISTOPHER RALPH ..  | N.E. Ry., Sunderland. [S.W.]  |  |
| 1894 Feb. 6.      | *CARR, LAWRENCE STATTER ..   | 16 Mount Ararat Road, Richmond,   |  |
| 1889 Dec. 3.      | *CARRICK, HENRY HAWKSHAW   | H.M. Breakwater, Portland.  |  |
| 1896 Jan. 14.     | *CARROLL, ALEXANDER ERNEST   |   |  |
| 1906 Mar. 6.      | *CARRON, FRANCIS GRANT ..  |   |  |
| 1905 Dec. 5.      | {*CARRUTHERS, FERDINAND GIL-<br>BERT, B.A. ( <i>Cantab.</i> ) .. ..} | 13 Victoria Street, S.W.  |  |
| 1905 Dec. 5.      | CARSON, WILLIAM HARVEY ..  | {Office of Public Works, City Cham-<br>bers, Glasgow.                         |  |
| 1894 Dec. 4.      | *CARTE, HUMFREY ALLEYNE ..   | {16 Lonsdale Road, Harborne, Bir-<br>mingham.                                 |  |
| 1892 Dec. 6.      | *CARTE, RALPH GEORGE .. ..   | P.W.D., Ceylon.   |  |

| Date of Election. | ASSOCIATE MEMBERS.  |   |
|-------------------|---|---|
| 1894 Dec. 4.      | *CARTER, GEORGE FEARNLEY ..                                       | Borough Engineer, Croydon.  |
| 1871 Dec. 5.      | *CARTER, HENRY .. .. .  | { 65 Victoria Street, S.W. (Sanitation, London.)                  |
| 1884 Dec. 2.      | *CARTER, RODERICK EDMOND ..                                       | c.o. H. S. King & Co., Pall Mall, S.W.                            |
| 1900 Dec. 4.      | { *CARTER, WILLIAM BELLINGHAM, B.A.I. ( <i>Dubl.</i> ) .. .. }    | E. I. Ry., Sahebgunge, Bengal.                                    |
| 1901 Apr. 23.     | CARTER, WILLIAM CHARLES ..  | { 27 Connaught Road, Harlesden, N.W.                              |
| 1876 Feb. 1.      | *CARTMELL, JOSEPH .. .. .   | Maryport and Carlisle Ry., Maryport.                              |
| 1904 Feb. 2.      | *CARTWRIGHT, CECIL LEONARD  | Braintree House, Cobham, Surrey.                                  |
| 1902 Jan. 14.     | { CARTWRIGHT, EDMUND BRUCE<br>WILLOUGHBY, M.A. ( <i>Cantab.</i> ) | { 1 Campden House Terrace, Kensington, W.                         |
| 1895 Mar. 5.      | *CARTWRIGHT, FRANK .. ..  | { Municipal Commission, Howrah, Bengal.                           |
| 1887 Dec. 6.      | { *CARUS - WILSON, CHARLES<br>ASHLEY, M.A. ( <i>Cantab.</i> ) ..  | { 41 Old Queen Street, Westminster, S.W.                          |
| 1900 Dec. 4.      | { CARVER, THOMAS ALBERT<br>BRIGGS, D.Sc. ( <i>Glas.</i> ) .. .. } | 118 Napiershall Street, Glasgow.                                  |
| 1890 Jan. 14.     | *CARY, ARTHUR PITT CHAMBERS                                       | 70 Duke's Avenue, Chiswick, W.                                    |
| 1881 Apr. 5.      | CARY, SULARDE BERNARD ..  | { c.o. Grindlay & Co., 54 Parliament Street, S.W.                 |
| 1904 Jan. 12.     | *CASE, CECIL BERTRAM .. ..  | 24 Ladbroke Gardens, Notting Hill, W.                             |
| 1892 Jan. 12.     | CASEBOURNE, CHARLES BASTOW  | Caldra, Epsom, Surrey.  |
| 1891 Jan. 13.     | { *CASHMAN, WILLIAM ALOYSIUS,<br>B.E. ( <i>Royal</i> ) .. .. . }  | { Eng.'s Office, G.W.Ry., Paddington, W.                          |
| 1891 Dec. 1.      | CASTILLA, HENRY COUPER ..   | P.W.D., Perth, Western Australia.                                 |
| 1884 Apr. 1.      | { CAVALCANTI, JOSÉ BARBALHO<br>UCHÔA .. .. . }                    | Rua da Alfandega 6, Rio de Janeiro.                               |
| 1892 Apr. 5.      | CAWS, BYRON FRANK .. ..   | { R.E. Office, King's Court, Broadway, Westminster, S.W.          |
| 1903 Apr. 7.      | CHADWELL, CHARLES .. ..   | Mervyn, Blackburn.  |
| 1904 Jan. 12.     | *CHADWICK, KENNETH MURRAY   | City Engineer's Office, Leeds.                                    |
| 1882 Mar. 7.      | *CHADWICK, WILLIAM, F.C.H.  | c.o. H. S. King & Co., Pall Mall, S.W.                            |
| 1893 Dec. 5.      | CHALMERS, GEORGE .. ..  | { Villa Nova de Lima Estado de Minas, Morro Velho, Brazil.        |
| 1894 Mar. 6.      | CHALMERS, NATHANIEL .. ..   | { Amabele-Butterworth Ry., Komgha, Eastern Province, Cape Colony. |
| 1899 Dec. 5.      | *CHAMBERLAIN, WILLIAM YOUNG                                       | Harbour Office, Belfast.  |
| 1904 Jan. 12.     | *CHAMBERS, ALFRED EUSTACE   | { c.o. H. S. King & Co., 65 Cornhill, E.C. [Africa.               |
| 1890 Mar. 4.      | *CHAMBERS, CHARLES .. ..  | Poste Restante, Nairobi, British East                             |
| 1904 Mar. 1.      | *CHAMBERS, HARRY KITSON ..  | { H.M. Naval Establishment, Hong Kong.                            |
| 1893 Apr. 11.     | CHAMPION, ALFRED JOHN ..  | 12 Dartmouth St., Westminster, S.W.                               |
| 1878 Feb. 5.      | CHANCELLOR, JOHN THORNTON   | 104 Queen Victoria Street, E.C.                                   |
| 1886 Dec. 7.      | CHAPMAN, ALBERT BARNES ..   | Court House Chambers, Buxton.                                     |
| 1883 Apr. 3.      | *CHAPMAN, ARTHUR DODWELL  | Govt. Rys., Port Elizabeth, C.C.                                  |
| 1906 Apr. 3.      | { *CHAPMAN, FITZROY TOZER,<br>B.Sc. ( <i>Lond.</i> ) .. .. . }    | 4 Whingate, Armley, Leeds.  |
| 1897 Apr. 6.      | CHAPMAN, GEORGE GRANT ..  | { Govt. Rys., Touws River, Capo Colony.                           |
| 1888 Dec. 4.      | CHAPMAN, GEORGE JAMES ..  | { R.E. Office, North Tidworth, Salisbury Plain.                   |
| 1876 Mar. 7.      | CHAPMAN, JAMES LAWRENCE ..  | The Haven, Wembley.   |
| 1900 Dec. 4.      | *CHAPMAN, JESSE EDWARD ..   | { Walter Scott & Middleton, Gratton, near Winchcombe, Glos.       |
| 1905 Jan. 10.     | CHAPMAN, JOHN BOSWELL ..  | { Government Secretariat, P.W.D., Bombay.                         |
| 1894 Dec. 4.      | *CHAPMAN, SAMUEL CHRISTOPHER                                      | Water Engineer, Torquay.  |
| 1892 May 3.       | *CHAPMAN, THOMAS HOWARD ..  | P.W.D., Colombo, Ceylon.  |
| 1900 Dec. 4.      | { *CHARLES, ALEXIS AMAND<br>DALLISON .. .. . }                    | Elm Tree Lodge, Duffield, Derby.                                  |

|      | Date of<br>Election. | ASSOCIATE MEMBERS.  |   |
|------|----------------------|---|---|
|      | 1886 Apr. 6.         | {*CHARNOCK, <i>Professor</i> GEORGE<br>FREDERICK .. .. .}       | Technical College, Bradford.  |
|      | 1887 Mar. 1.         | *CHARRINGTON, EDMUND .. ..                                      | 63 Queen Victoria Street, E.C.  |
| m ✚  | 1892 Dec. 6.         | {*CHATTERTON, ALFRED, B.Sc.<br>( <i>Lond.</i> ) .. .. .}        | College of Engineering, Madras.   |
| m    | 1894 Apr. 3.         | *CHATTERTON, BERTRAM .. ..                                      | 10 Mundania Rd., Peckham Rye, S.E.                                      |
|      | 1901 Mar. 5.         | {CHATWOOD, ARTHUR BRUNEL,<br>B.Sc. ( <i>Lond.</i> ) .. .. .}    | 12 Exchange Street, Manchester.   |
|      | 1881 Dec. 6.         | *CHAUNTLER, FRANK .. ..   | 41 North John Street, Liverpool.  |
|      | 1899 Apr. 11.        | *CHEEKE, WILLIAM ALEXANDER ..                                   | 2 Lower Merriem Street, Dublin.   |
|      | 1900 Dec. 4.         | CHETTLE, WILLIAM ARTHUR ..                                      |   |
|      | 1898 Feb. 1.         | {CHETWYND, HENRY GOULBURN<br>WILLOUGHBY .. .. .}                | Eyhurst, Chipstead, Surrey.   |
|      | 1886 Apr. 6.         | CHILD, GEORGE CHARLES .. ..                                     | {24 South Road, Smethwick,<br>Birmingham.                               |
|      | 1890 Feb. 4.         | CHRISTIE, WILLIAM INNES .. ..                                   | {Central Ry., Rosario de Santa Fé,<br>Argentina.                        |
|      | 1897 Dec. 7.         | CHURCH, RICHARD JAMES .. ..                                     | Uganda Ry., Mombasa, East Africa.                                       |
|      | 1899 Mar. 7.         | {CHURCHWARD, ERNEST COLE-<br>RIDGE .. .. .}                     | Scottish Central Electric Power Co.,<br>34 North Bridge St., Edinburgh. |
| ✚    | 1879 Feb. 4.         | {*CHURCHWARD, WILLIAM PAT-<br>RICK .. .. .}                     | Via Carlo Farini 9, Milano.   |
|      | 1893 Dec. 5.         | *CHUTE, JOHN HENRY CHALONER ..                                  | Castle Coote, Roscommon, Ireland.                                       |
|      | 1902 Jan. 14.        | *CLAPHAM, WALTER .. ..  | 14 Priory Avenue, Hornsey, N.   |
|      | 1883 Jan. 9.         | CLARE, JESSE .. ..  | Sleaford, Lincs.  |
|      | 1905 Dec. 5.         | *CLARK, ALBERT HAWKINS .. ..                                    | {Fishguard Harbour Works, Good-<br>wick, Pem.                           |
|      | 1885 Dec. 1.         | CLARK, ALEXANDER .. ..  | 8 Bright's Crescent, Edinburgh.   |
|      | 1905 Dec. 5.         | *CLARK, COLIN .. ..   | {Central South African Railways,<br>Box 1,121, Johannesburg.            |
| ✚    | 1888 Dec. 4.         | *CLARK, EDWARD GEORGE .. ..                                     | {Highfield, Saxon Street, nr. New-<br>market, Cambs.                    |
| Mf ✚ | 1902 Feb. 4.         | {*CLARK, EDWARD VINCENT,<br>B.S. ( <i>Adelaide</i> ) .. .. .}   | Third Street, Knightsbridge, Ade-<br>laide, S. Australia.               |
|      | 1899 Dec. 5.         | *CLARK, FRANKLIN .. ..  | H.M. Dockyard, Devonport.   |
|      | 1897 Jan. 12.        | {CLARK, GEORGE MUIRHEAD,<br>M.A. ( <i>Cantab.</i> ) .. .. .}    | Civil Service Club, Cape Town, C.C.                                     |
|      | 1891 Feb. 3.         | *CLARK, GILBERT .. ..   | 183 Westcombe Hill, Blackheath, S.E.                                    |
| m    | 1905 Jan. 10.        | {*CLARK, JAMES MILLER, M.A.,<br>B.Sc. ( <i>Glas.</i> ) .. .. .} | 8 Park Drive West, Glasgow.   |
|      | 1903 Feb. 3.         | *CLARK, JOHN MARTIN .. ..                                       | {39A Philbeach Gardens, Kensington,<br>S.W.                             |
|      | 1897 Dec. 7.         | {CLARK, LINDESAY COLVIN,<br>M.C.E. ( <i>Melb.</i> ) .. .. .}    | Briseis, Derby, Tasmania.   |
|      | 1905 Dec. 5.         | *CLARK, ROBERT GEORGE .. ..                                     | {c.o. R. Clark, 103 Connaught Road,<br>Roath, Cardiff.                  |
|      | 1894 Dec. 4.         | *CLARK, WILLIAM BETHAM .. ..                                    | Lauriston, Beckenham, Kent.   |
|      | 1891 May 5.          | CLARK, WILLIAM FREDERICK ..                                     | The Poplars, Aldridge, Walsall.   |
|      | 1886 May 18.         | CLARKE, CHARLES HARWOOD ..                                      | {Engineer's Dept., N.E. Ry., New-<br>castle-on-Tyne.                    |
|      | 1890 Apr. 1.         | *CLARKE, CHARLES STANLEY ..                                     | 4 Southampton Row, W.C.   |
|      | 1893 Feb. 7.         | *CLARKE, EDMUND .. ..   | {c.o. J. D. Purves, 49 Elizabeth<br>Street, Melbourne.                  |
|      | 1899 Mar. 7.         | CLARKE, FREDERICK WILLIAM ..                                    | {Cecilton, Flushcombe Road, Black-<br>burn, N.S.W.                      |
|      | 1901 Dec. 3.         | CLARKE, GEORGE EDGAR .. ..                                      | Boro' Surveyor, Boston, Lincs.  |
|      | 1901 Apr. 23.        | CLARKE, HENRY MATTHIAS .. ..                                    | {Tanjong Pagar Dock Co., Singapore,<br>S.S.                             |
|      | 1883 Dec. 4.         | CLARKE, HENRY WILLIAM .. ..                                     | New Bute Dock Contract, Cardiff.  |
|      | 1896 Dec. 1.         | CLARKE, HERBERT GEORGE .. ..                                    | City Engineer's Office, Nottingham.                                     |
|      | 1889 Dec. 3.         | *CLARKE, JOHN FOLLIOTT MOSTYN                                   | {Surrey Commercial Docks, En-<br>ginner's Office, Rotherhithe, S.E.     |



| Date of Election. | ASSOCIATE MEMBERS.  |   |
|-------------------|---|---|
| 1899 Apr. 11.     | CLARKE, OWEN HENRY .. ..  | {Thames Conservancy, Victoria Embankment, E.C.              |
| 1904 Apr. 19.     | CLARKE, RICHARD ELLIOTT ..  | H.M. Dockyard, Portsmouth.                                  |
| 1893 May 16.      | {CLARKE, RICHARD FREDERICK<br>DODD .. .. .}   | H. S. King & Co., Pall Mall, S.W.                           |
| 1899 Dec. 5.      | CLARKE, ROBERT WILLIAM ..   |   |
| 1906 Feb. 6.      | {CLARKE, THOMAS WIGSTON<br>KINGLAKE, B.A. ( <i>Cantab.</i> )..}                                 | 9 St. Andrew's Square, Surbiton.                            |
| 1906 Apr. 3.      | *CLARKE, WILLIAM JOHNSON ..   | {Garden Cottage, Overstrand, nr Cromer.                     |
| 1830 Dec. 2.      | *CLARKSON, THOMAS .. .. .   | {Jesmond, Southborough Road, Chelmsford.                    |
| 1898 Dec. 6.      | {CLARRY, WILLIAM ALFRED<br>HENRY .. .. .}   | Surveyor, Sutton Coldfield.                                 |
| m 1905 Feb. 7.    | *CLAY, WILLIAM HENRY CHRISTY  | {Engineer's Office, Midland Railway, Derby.                 |
| 1895 Dec. 3.      | *CLAYPOOLE, ALBERT HENRY ..   | City Engineer's Office, Bristol.                            |
| 1865 May 2.       | CLAYTON, ALFRED .. .. .   | Hampton Street, Brighton, Victoria.                         |
| 1893 Jan. 10.     | *CLAYTON, FRANK, F.C.H. ..  | King, King & Co., Bombay.                                   |
| 1895 Dec. 3.      | *CLAYTON, RICHARD HAWORTH   | Greenbank, Avenue Rd., Doncaster.                           |
| 1888 Dec. 4.      | *CLEAVER, HENRY LOWTHIAN ..   | {Eastern Bengal State Ry., Saidpur, India.                  |
| 1900 Apr. 3.      | CLEGG, HARRY .. .. .  | Boro' Surveyor's Office, Felixstowe.                        |
| 1904 Jan. 12.     | CLELAND, ALLAN FRASER ..  | {Kurrawang, near Kalgoorlie, W. Australia.                  |
| 1904 Apr. 12.     | {CLEMENT, MILDMAI THOMAS<br>CHARLTON, M.A.I. ( <i>Dubl.</i> )..}                                | {P.O. Box 3,380, Johannesburg, Transvaal.                   |
| 1879 Mar. 4.      | CLEMINSON, JOHN .. .. .   | The Lawn, Thames Ditton, Surrey.                            |
| 1872 Dec. 3.      | CLEMMEY, WILLIAM HENRY ..   | 81 Trinity Road, Bootle, Liverpool.                         |
| 1906 Apr. 3.      | CLIFFORD, WILLIAM .. .. .   | {Sewage Outfall Works, Wolverhampton.                       |
| 1874 May 12.      | CLIMIE, WILLIAM .. .. .   | {R. F. Cornwell, 80 Pine St., New York, U.S.                |
| 1898 Dec. 6.      | *CLOTHIER, HENRY WILLIAM ..   | 101 Park Road, Wallsend-on-Tyne.                            |
| 1891 Dec. 1.      | CLOUGH, ALFRED .. .. .  | {Newhaven, Mersey Avenue, Aigbarth, Liverpool.              |
| 1905 Apr. 4.      | *CLOUGH, FREDERIC HORTON  | {c.o. The British Thomson Houston Co., Ltd., Rugby.         |
| 1891 Dec. 1.      | {COAKES, GEORGE SHOREY,<br>B.A. ( <i>Cape</i> ).. .. .}   | Dundee, Natal.  |
| 1889 Dec. 3.      | COALES, HERBERT GEORGE ..   | District Council, Market Harborough.                        |
| 1885 Feb. 3.      | COATES, THOMAS .. .. .  | Benwell, Darlington.  |
| 1886 Feb. 2.      | COATES, WILLIAM .. .. .   | 95 Horton Grange Road, Bradford.                            |
| 1890 Dec. 2.      | COATH, DAVID DECIMUS .. ..  | {Foxleighs, Holypot, near Maidenhead.                       |
| 1895 May 21.      | {*COBB, FREDERIC EDWARD<br>THEODORE .. .. .}  | Public Health Dept., Melbourne, Victoria.                   |
| 1893 Dec. 5.      | COBBETT, WILBERFORCE ..   | 62 West Street, Fareham, Hants.                             |
| 1879 Apr. 1.      | COBBOLD, EDGAR STERLING ..  | All Stretton, Church Stretton, Salop.                       |
| 1892 Dec. 6.      | *COCHENE, ALFRED ERNEST ..  | Sirhind Canal, Ferozepore, India.                           |
| 1889 Mar. 5.      | COCKBURN, SIDNEY MANTHORP   | {Temperley Transporter Co., 72 Bishopsgate St. Within, E.C. |
| 1894 May 1.       | COCKRILL, THOMAS .. .. .  | Glencoe, Biggleswade, Beds.                                 |
| 1906 Apr. 3.      | COCKSHOTT, EDGAR HARRY ..   | 44 Grasmere Street, Arnley.                                 |
| 1888 Feb. 7.      | *COCKSHOTT, FRANCIS EDWARD  | Manpur, Gya, Bengal.  |
| ✠ 1899 Feb. 7.    | {COKER, ERNEST GEORGE, M.A.<br>( <i>Cantab.</i> ), D.Sc. ( <i>Edin.</i> ),<br>F.R.S.E. .. .. .} | Technical College, Finsbury, E.C.                           |
| 1905 Mar. 7.      | *COLBOURNE, RUPERT LIONEL ..  | {T. Cook & Son, Esplanade Road, Bombay.                     |
| 1900 Apr. 3.      | COLE, CHARLES HENRY .. ..   | {H. M. Dockyard, Haulbowline, Queenstown, Ireland.          |

| Date of Election. |               | ASSOCIATE MEMBERS.  |   |
|-------------------|---------------|---|---|
| †                 | 1886 Apr. 6.  | *COLE, CHARLES JOHN .. ..                                   | {c.o. H. S. King & Co., 65 Cornhill, E.C.                       |
|                   | 1901 Apr. 23. | {COLE, REGINALD SORRÉ.<br>M.A. ( <i>Cantab.</i> ) .. ..     | {Trinity College, Port Hope, Ont., Canada.                      |
|                   | 1876 Mar. 7.  | COLE, THOMAS .. ..  | {11 Victoria Street, S.W. (Bisecting, London. Westminster 588.) |
|                   | 1895 Mar. 5.  | *COLEMAN, FREDERICK ALBERT                                  | 65 Calabria Road, Highbury, N.                                  |
|                   | 1904 Jan. 12. | *COLEMAN, GEORGE STEPHEN ..                                 | City Surveyor's Office, Manchester.                             |
|                   | 1893 Feb. 7.  | *COLES, FRANCIS GEORGE .. ..                                | 4 Shirley Road, Southsea.                                       |
|                   | 1886 Dec. 7.  | *COLES, WALTER JOSEPH .. ..                                 | The Gables, Bass Street, Derby.                                 |
| m                 | 1906 Jan. 9.  | *COLLETT, JOHN COLET .. ..                                  | Port Sudan Harbour Works, Red Sea.                              |
|                   | 1903 Apr. 7.  | COLLINGE, THOMAS PEEL .. ..                                 | City Engineer's Office, Carlisle.                               |
|                   | 1898 Dec. 6.  | {COLLINGRIDGE, HARVEY,<br>B.Sc. ( <i>Lond.</i> ) .. ..      | {55 Hornsey Rise Gardens, Crouch End, N.                        |
|                   | 1905 Apr. 4.  | *COLLINGWOOD, CUTHBERT .. ..                                | {Royal Government Survey, Bangkok, Siam.                        |
|                   | 1892 Dec. 6.  | *COLLINS, ADRIAN CHARLES .. ..                              | 61 Old Broad Street, E.C.                                       |
|                   | 1906 Apr. 3.  | COLLINS, GEORGE MIDDLETON                                   | 17 Saville Road, Blackpool.                                     |
|                   | 1905 Dec. 5.  | *COLLINS, HAROLD .. ..                                      | City Engineer's Office, Norwich.                                |
| †                 | 1891 Dec. 1.  | *COLLINS, HENRY FRANCIS .. ..                               | {Cerro Muriano Mines, Ltd., Cerro Muriano, Cordoba, Spain.      |
|                   | 1877 Mar. 6.  | COLLINS, HENRY RAMSAY .. ..                                 | Russell Street, Durban, Natal.                                  |
|                   | 1905 Dec. 5.  | COLLINS, MICHAEL RICHARD ..                                 | 51 Upper Bedford Place, W.C.                                    |
|                   | 1895 Dec. 3.  | COLLINS, W. HEPWORTH .. ..                                  | {E. Wihl & Co., 17 Nicholas Street, Manchester.                 |
|                   | 1902 Jan. 14. | *COLLINS, WILLIAM .. ..                                     | {Wargrave, Cavendish Road, Westbury-on-Trym.                    |
|                   | 1897 Mar. 2.  | *COLLINSON, ARTHUR .. ..                                    | {N. E. Ry. Loco. Dept., Gateshead-on-Tyne.                      |
|                   | 1897 Apr. 6.  | *COLLIS, OLIVER JAMES .. ..                                 | {Holmehurst, South Road, Brighton, Victoria.                    |
|                   | 1891 Mar. 3.  | *COLLIS, WILLIAM HENRY .. ..                                | {7 Barn Hill Road, Wavertree, Liverpool.                        |
| t †               | 1888 Mar. 6.  | *COLQUHOUN, WILLIAM .. ..                                   | Plas Penyddoe, Bersham, Wrexham.                                |
|                   | 1887 May 24.  | {*COLTON, CHARLES ANDERSON<br>COWARD .. ..                  | {Gasworks, Sydney, N.S.W.                                       |
|                   | 1905 Jan. 10. | *COLYER, CECIL ALFRED .. ..                                 | Upper Jhelum Canal, Jhelum, India.                              |
|                   | 1898 Feb. 1.  | {*COLYER, MORETON JOHN<br>GODDEN, B.E. ( <i>Sydney</i> ) .. | {Wood Street, Manly, N.S.W.                                     |
|                   | 1872 Apr. 9.  | COMPTON, EDMUND .. ..                                       | 8 St. Anne's Crescent, Lewes.                                   |
|                   | 1902 Jan. 14. | *CONACHER, JAMES .. ..                                      | Torwood, Monifieth, Forfarshire.                                |
|                   | 1899 Dec. 5.  | {CONCANNON, THOMAS GEORGE<br>UPTON .. ..                    | {Municipal Engineer, Prome, Burma.                              |
|                   | 1887 Dec. 6.  | CONCEIÇÃO, JOSÉ MARIA DA ..                                 | Caixa 321, Rio de Janeiro.                                      |
|                   | 1890 Mar. 4.  | *CONES, JAMES ALFRED .. ..                                  | {L. Ganges Canal, Etawah, N.W.P., India.                        |
|                   | 1888 May 15.  | CONEX, JOHN ROBERT .. ..                                    | {Crescent House, Westfield, Retford, Notts.                     |
|                   | 1897 Jan. 12. | CONNER, BENJAMIN .. ..                                      | 13 Ann Street, Hillhead, Glasgow.                               |
|                   | 1892 Dec. 6.  | CONSTANTINE, EZEKIEL GRAYSON                                | {Stirling Boiler Co., Ltd., Motherwell, N.B.                    |
|                   | 1892 May 3.   | *CONYERS, SIDNEY WARD .. ..                                 | P.W.D., Nowra, N.S.W.   |
|                   | 1874 Feb. 3.  | CONYERS, WILLIAM .. ..                                      | 483 Collins St., Melbourne, Victoria.                           |
|                   | 1902 Dec. 2.  | {*COODE, ARTHUR TREVENEN.<br>B.A. ( <i>Cantab.</i> ) .. ..  | {9 Victoria Street, S.W.  |
|                   | 1905 Dec. 5.  | COOK, ERNEST WALTER .. ..                                   | 168 St. John's Road, Shoreditch, N.E.                           |
|                   | 1887 Dec. 6.  | *COOK, FRANK PLANT .. ..                                    | Mansfield Woodhouse, Notts.                                     |
|                   | 1893 Jan. 10. | COOK, JOHN .. ..  | City Engineer, Cape Town, C.C.                                  |
|                   | 1901 Mar. 5.  | {COOK, STANLEY SMITH,<br>B.A. ( <i>Cantab.</i> ) .. ..      | {33 Lisk Avenue, Whitley Bay, Northumberland.                   |
|                   | 1882 May 23.  | COOKE, CHARLES EDWARD .. ..                                 | City Council Office, Auckland, N.Z.                             |

Date of  
Election.

## ASSOCIATE MEMBERS.

|                  |  |   |
|------------------|--|---|
| 1898 Dec. 6.     | COOKE, CONRAD ALAN .. ..   | King King & Co., Bombay.  |
| 1883 May 29.     | *COOKE, FREDERICK GEORGE ..  | 3 Hyde Gardens, Eastbourne.   |
| 1897 Mar. 2.     | COOKE, STUART BLASHFIELD REA                                       | Southcroft, Westgate-on-Sea.  |
| 1904 Apr. 19.    | { COOKE-YARBOROUGH, HENRY<br>ALFRED .. .. . }                      | Water Dept., Town Hall, Sheffield.                                    |
| 1895 Feb. 5.     | COOKSEY, DANIEL FREDERIC   | { Corsley Villa, Western Elms Avenue,<br>Reading.                     |
| 1895 Dec. 3.     | *COOKSON, ALFRED CHORLEY ..  | { G. W. Ry., Eng.'s Office, Clarboston<br>Road R.S.O., Pembrokeshire. |
| 1900 Jan. 9.     | COOKSON, THOMAS .. .. .  | Town Hall, Preston.   |
| 1888 Dec. 4.     | *COOMBER, WILLIAM HORACE ..  | Lancs. and Yorks. Ry., Manchester.                                    |
| 1891 Dec. 1.     | COOPER, ALFRED ERNEST ..   | 586 Avenida de Mayo, Buenos Ayres.                                    |
| 1906 Apr. 3.     | COOPER, ARTHUR REGINALD ..   | { Central London Railway, Oxford<br>Circus Station, W.                |
| 1897 Apr. 6.     | COOPER, FRANCIS EDWARD ..  | City Eng.'s Office, Liverpool.  |
| 1894 May 1.      | COOPER, LEONARD .. .. .  | { Direccion de Desagües, 833 Can-<br>gollo, Buenos Aires.             |
| 1896 May 5.      | COOPER, THOMAS, M.A. ( <i>Cantab.</i> )                            | Spring Valley, St. Albans.  |
| 1896 Feb. 4.     | { *COOPER, THOMAS BRAMMALL,<br>B.Sc. ( <i>Victoria</i> ) .. .. . } | { E. Nuttall & Co., Canons Marsh,<br>Bristol.                         |
| 1902 Apr. 22.    | *COOPER, VERNON .. .. .  | F. C. Interoceanico, Puebla, Mexico.                                  |
| 1886 May 18.     | { COOPER, VIVIAN BOLTON<br>DOUGLAS .. .. . }                       | { 22 Buckingham Gate, S.W.<br>(Megohm, London.)                       |
| 1904 Jan. 12.    | *COOPER, WALTER GOUGH ..   | { 3 Stow Park Terrace, Stow Hill,<br>Newport, Mon.                    |
| 1874 Feb. 3.     | COOPER, WILLIAM .. .. .  | { Neptune Engine Works, Hull. (Nep-<br>tune, Hull. 30.)               |
| t † 1900 Dec. 4. | { COOPER, WILLIAM RANSON,<br>M.A., B.Sc. ( <i>Royal</i> ) .. .. }  | 113 Tulse Hill, S.W.  |
| 1894 Feb. 6.     | *COPE, WILFRED ARTHUR ..   | District Council, Bromley, Kent.                                      |
| 1890 Dec. 2.     | { COPELAND, HENRY PAUL<br>RAMSAY, Major N.S.W.M.R. }               | { P.O. Box 3395, Johannesburg,<br>Transvaal.                          |
| 1902 Dec. 2.     | COPLAND, CHARLES AUGUSTUS  | { Otterburn Avenue, Gosforth, New-<br>castle-on-Tyne.                 |
| 1890 Dec. 2.     | COPLAND, WILLIAM WALLACE   | Sanitary Commission, Gibraltar.                                       |
| 1894 Dec. 4.     | COPLEY, CHARLES THOMAS ..  | 252 Barkerhouse Rd., Nelson, Lancs.                                   |
| 1906 Feb. 6.     | { *COPPOCK, HARRY STOWE,<br>B.Sc. ( <i>Wales</i> ) .. .. . }       | 58 Wellington Road, Charlton, S.E.                                    |
| 1890 Apr. 1.     | CORDNER-JAMES, JOHN HENRY  | Finsbury House, Blomfield St., E.C.                                   |
| 1893 Dec. 5.     | *CORIN, WILLIAM .. .. .  | Town Hall, Launceston, Tasmania.                                      |
| † 1902 Apr. 8.   | { CORMACK, Professor JOHN<br>DEWAR, B.Sc. ( <i>Glas.</i> ) .. .. } | University College, Gower St., W.C.                                   |
| 1897 Apr. 6.     | { CORNEWALL-WALKER, ARCHI-<br>BALD EDWARD .. .. . }                | East Surrey Water Co., Redhill.                                       |
| 1904 Dec. 6.     | *CORNISH, JAMES EASTON ..  | Water Works, Alexandria, Egypt.                                       |
| † 1898 Dec. 6.   | CORNISH, NICHOLAS EDWARD ..  | Imperial Arsenal, Shanghai, China.                                    |
| 1875 Apr. 6.     | CORNISH, THOMAS SMERDON ..   | Enmore, East Coast, Demerara.   |
| 1901 Feb. 5.     | *CORNOCK, JOSEPH CAPEL ..  | 7 The Avenue, Halton, near Leeds.                                     |
| 1902 Dec. 2.     | { CORRIE, WILLIAM EDWARD,<br>B.Sc. ( <i>Victoria</i> ) .. .. . }   | Railways, Rangoon, Burma.   |
| 1902 Apr. 8.     | CORRINGHAM, GEORGE HENRY   | { Airedale, Bridge View, Kirkstall,<br>Leeds.                         |
| 1906 Apr. 3.     | CORSON, FRANK HUNTINGDON   | 58 Brantfell Road, Blackburn.   |
| 1906 Jan. 9.     | COSTER, WILLIAM WALLACE ..   | { Waterworks Dept., City Hall, Cape<br>Town.                          |
| 1866 May 15.     | { COTTERILL, JAMES HENRY,<br>M.A. ( <i>Cantab.</i> ), F.R.S. .. }  | Braeside, Speldhurst, Kent.   |
| 1877 Feb. 6.     | { COTTRELL, HENRY EDWARD<br>PLANTAGENET .. .. . }                  | c.o. Mrs. Cottrell, 12 Cavendish<br>Road, Balham, S.W.                |
| 1902 Mar. 4.     | { *COTTRELL, WILLIAM RICHARD<br>THOMAS .. .. . }                   | 60 Thornton Avenue, Chiswick, W.                                      |
| 1879 Feb. 4.     | COUPER, FREDERICK .. ..  | New River Office, Clerkenwell, E.C.                                   |



|     | Date of Election. | ASSOCIATE MEMBERS.  |  |
|-----|-------------------|---|--|
|     | 1902 Mar. 4.      | { *COUPER, JOHN DUNCAN CAMP-<br>BELL, M.A. ( <i>Cantab.</i> ) .. .. } | Eng.'s Office, Alexandra South Dock, Newport, Mon.                 |
|     | 1897 Dec. 7.      | *COUTTS, ERNEST GRAY .. ..  | N.W. Ry., Karachi, India. [W.]                                     |
|     | 1904 Dec. 6.      | *COUTTS, RONALD STUART .. ..  | Eng.'s Office, G.C. Ry., Marylebone,                               |
|     | 1897 Mar. 2.      | *COVERNTON, RALPH HENRY .. ..   | Municipal Electric Light Works, Johannesburg, Transvaal.           |
|     | 1900 Feb. 6.      | { *COWAN, JAMES MARSHALL,<br>B.A. ( <i>Cantab.</i> ) .. .. }          | Redpath, Brown & Co., Riverside Works, East Greenwich, S.E.        |
| S t | ✠ 1903 Apr. 7.    | *COWAN, PERCY JOHN .. ..  | 8 Henrietta St., Covent Garden, W.C.                               |
|     | 1889 Dec. 3.      | COWARD, GEORGE EDWARD .. ..   | { c.o. Stilwell & Sons, 42 Pall Mall, S.W.                         |
|     | 1899 Apr. 11.     | COWDERY, GEORGE ROBERT .. ..  | { Glencoe, Torrington Road, Strathfield, N.S.W.                    |
|     | 1900 Dec. 4.      | *COWLE, GERALD ARTHUR .. ..   | { General Electric Co., Equitable Bldgs., Melbourne.               |
|     | 1874 Jan. 13.     | *COWPER, CHARLES EDWARD .. ..   | 8 Sandown Terrace, Deal.   |
|     | 1896 Dec. 1.      | { *COWPER-COLES, SHERARD<br>OSBORN .. .. }                            | 26 & 27 Grosvenor Mansions, Victoria Street, S.W.                  |
|     | 1897 Apr. 6.      | COX, DOUGLAS BRENTON .. ..  | Govt. Rys., Maritzburg, Natal.                                     |
|     | 1892 Dec. 6.      | *COX, FREDERICK NUTTER .. ..  | San José, Costa Rica.  |
|     | 1893 May 2.       | Cox, FREDERICO WILLIAM .. ..  | { Uzina Conção de Sininbu, São Miguel dos Campos, Alagoas, Brazil. |
|     | 1876 Dec. 5.      | *COX, GRIFFITH NATHANIEL .. ..  | Kingston, Jamaica.   |
|     | 1883 Jan. 9.      | *COX, HORACE BOARDMAN .. ..   |  |
|     | 1905 Dec. 5.      | { *COX, REGINALD CHARLES,<br>M.A. ( <i>Cantab.</i> ) .. .. }          | Messrs. Marsland, Price & Co., Engineers, Nesbit Road, Bombay.     |
|     | 1881 Mar. 1.      | COX, THOMAS ADEY, B.A. .. ..  | 14 Hazlitt Road, W. Kensington, W.                                 |
|     | 1905 Apr. 4.      | CRABB, HENRY RALPH .. ..  | Council Offices, Beckenham.  |
|     | 1886 Dec. 7.      | *CRABTREE, HENRY HERBERT .. ..  | S. Pearson & Son, Mexico.  |
|     | 1895 Dec. 3.      | { *CRABTREE, WALTER ROBINSON,<br>M.Sc. ( <i>Victoria</i> ) .. .. }    | Union Offices, High Street, Doncaster.                             |
|     | 1891 Dec. 1.      | *CRABTREE, WILLIAM ROBSON .. ..                                       | { Harbour Works, East London, Cape Colony.                         |
|     | 1903 Apr. 7.      | CRAGGS, HENRY WELDON .. ..  | Gourya, Algeria.   |
| ✠   | 1900 Dec. 4.      | { *CRAIG, ALEXANDER DONALD,<br>B.E. ( <i>Sydney</i> ) .. .. }         | P.W.D., Sydney, N.S.W.   |
|     | 1899 Dec. 5.      | { *CRAIG, ALEXANDER GRATI-<br>TUDE, B.Sc. ( <i>Glas.</i> ) .. .. }    | 2 Victoria Villa, Kilburn, N.W.                                    |
|     | 1889 Dec. 3.      | *CRAIG, CLARENCE .. ..  | Tyrella House, Clough, co. Down.                                   |
|     | 1901 Dec. 3.      | { CRAIG, WALTER LENNOX,<br>B.C.E. ( <i>Melb.</i> ) .. .. }            | Survey Office, Wagga Wagga, N.S.W.                                 |
|     | 1896 Apr. 14.     | CRAIG, WILLIAM .. ..  | P.W.D., Cape Town, C.C.  |
|     | 1891 Mar. 3.      | Craven, ALBERT WILLIAM .. ..  | 179 Collins St., Melbourne, Victoria.                              |
|     | 1875 May 4.       | Craven, CHARLES ALFRED .. ..  | { Grove House, Thornhill Lees, Dewsbury.                           |
|     | 1905 Dec. 5.      | *CRAWFORD, LEONARD GEORGE .. ..                                       | Messrs. Vickers, Son & Maxim, Ltd., Barrow-in-Furness.             |
|     | 1903 Mar. 3.      | { CRAWLEY - BOEVEY, ARTHUR<br>CURTIS, M.A. ( <i>Oxon.</i> ) .. .. }   | Flaxley Abbey, Newnham, Glos.                                      |
|     | 1894 Mar. 6.      | *CRAWTER, FRANK WHINFIELD .. ..                                       | { Chloride Electrical Storage Co., 39 Victoria Street, S.W.        |
|     | 1884 Feb. 5.      | CREER, ALFRED .. ..   | The Guild Hall, York.  |
|     | 1905 Apr. 4.      | *CREER, ALFRED DOUGLAS .. ..  | Main Drainage, Plymouth.   |
|     | 1904 Jan. 12.     | CREGEEN, HUGH STOWELL .. ..   | Ashdene, Enslin Road, Eltham, S.E.                                 |
|     | 1896 Apr. 14.     | CRESSWELL, GEORGE BELBEN .. ..  | King, Hamilton & Co., Calcutta.                                    |
|     | 1905 Dec. 5.      | { CRESSWELL, HERBERT AUGUS-<br>TINE .. .. }                           | Government Railways Engineer's Office, Geraldton, W.A.             |
|     | 1883 May 29.      | CRESSWELL, JOSEPH .. ..   | 54 Castle Street, Dover.   |
|     | 1893 May 16.      | { CRESSWELL, FREDERIC HUGH<br>PAGE .. .. }                            | Rand Club, Johannesburg, Transvaal.                                |
| m   | ✠ 1905 Feb. 7.    | *CRIDLAN, JOHN LIONEL .. ..   | Maisemore Park, Gloucester.  |

Date of  
Election.

## ASSOCIATE MEMBERS.

|                 |   |   |
|-----------------|---|---|
| 1894 Dec. 4.    | *CRIGHTON, CHARLES .. ..  | S. Indian Ry., Negapatam.                                     |
| 1888 Dec. 4.    | CRIPPS, FREDERICK SOUTHWELL ..                                      | 71 King William Street, E.C.                                  |
| 1906 Apr. 3.    | CROASDELL, JAMES FREDERICK ..                                       | Glencoe, Albury Ride, Cheshunt.                               |
| 1881 Dec. 6.    | *CROFT, HENRY .. .. .   | Victoria, British Columbia.                                   |
| 1904 Dec. 6.    | {CROFTS, JOHN CHARLES THRUS-<br>TON .. .. .}                        | Toronto, Canada.  |
| 1895 May 21.    | *CROMPTON, REGINALD HARRATT ..                                      | 11 Lowther Street, Whitehaven.                                |
| 1892 Mar. 1.    | *CROOK, JOHN ROWLAND .. ..  | Government Engineer, Gibraltar.                               |
| 1895 Dec. 3.    | {CROOKES, BERNARD HUMPHREY,<br>M.Sc. ( <i>Victoria</i> ) .. .. .}   | 34 Devonshire Place, Jesmond-on-Tyne.                         |
| 1879 May 27.    | CROSBIE, JAMES .. .. .  | New Farm, Gamlingay, Sandy.                                   |
| 1902 Apr. 22.   | {*CROSLAND, JAMES CHARLES<br>HERBERT .. .. .}                       | Belcombe, Hale, Cheshire.                                     |
| 1887 May 24.    | CROSLEY, WILLIAM .. .. .  | {65 Addison Road, W. (Cablegrams,<br>Garamas. Western 2024.)} |
| 1891 Dec. 1.    | CROSS, ALFRED MCCALLUM .. ..  | Kamberg, Rosetta, Natal.                                      |
| 1882 Apr. 4.    | *CROSS, AMBROSE WOOTTON .. ..                                       | The Elms, Moseley, Birmingham.                                |
| 1887 Dec. 6.    | *CROSS, FREDERICK WILLIAM .. ..                                     | {45 Bradford Street, Walsall. (Iron,<br>Walsall. 9.)}         |
| 1896 May 5.     | CROSS, FREDERICK WILLIAM .. ..                                      | Gasworks, Leyton, Essex.                                      |
| 1904 Jan. 12.   | {*CROSS, WILLIAM MARK,<br>B.A., B.E. ( <i>Royal</i> ) .. .. .}      | 134 Rock Avenue, Gillingham, Kent.                            |
| 1899 Dec. 5.    | *CROUCH, JOHN PEACHEY .. ..   | {L. & Y. Ry. Works, Newton Heath,<br>Manchester.              |
| 1891 Feb. 3.    | {CROWE, PERCY LARBY GUSTAV<br>OTTO .. .. .}                         | 1 Queen Anne's Chambers, Westminster, S.W.                    |
| 1894 Dec. 4.    | CROWTHER, JAMES ALFRED .. ..  | Boro' Engineer, Southampton.                                  |
| 1892 Jan. 12.   | CROZIER, WILLIAM, JUN. .. ..  | Shire Hall, Durham. [N.W.]                                    |
| 1905 Dec. 5.    | *CRUM, JAMES ARTHUR .. .. .   | 16 Christchurch Road, Hampstead,                              |
| 1887 Dec. 6.    | CRUMMACK, HARKER CHARLES .. ..                                      | Boro' Engineer, Hartlepool.                                   |
| 1881 May 31.    | CUBITT, WILLIAM .. .. .   | Rumney House, Cardiff. [tralia.]                              |
| 1895 Apr. 2.    | CULLEN, HERBERT DALE .. .. .  | Sherwood, Armadale, Western Aus-                              |
| 1904 Apr. 19.   | *CULLEY, ALFRED EDWIN .. ..   | 137 Grove Street, Liverpool.                                  |
| 1890 Jan. 14.   | CULLIS, EDMUND JOSEPH .. ..   | Southgate Chambers, Gloucester.                               |
| 1904 Dec. 6.    | *CULVERHOUSE, HERBERT SYLNEY ..                                     | 20 Trebovir Road, Kensington, W.                              |
| 1902 Jan. 14.   | {CUMMING, ALEXANDER GEORGE<br>GORDON, B.Sc. ( <i>Edin.</i> ) .. ..} | 41 George Street, Edinburgh.<br>(Central 43 Y.)               |
| 1897 Apr. 6.    | CUNHA, LUIZ GONÇALVES DA .. ..                                      | {Directeur du Ch. de fer de Smyrna<br>à Cassaba, Smyrna.      |
| 1895 Dec. 3.    | {CUNNINGHAM, BRYSSON,<br>B.E. ( <i>Royal</i> ) .. .. .}             | Dockyard, Liverpool.  |
| 1903 Apr. 7.    | *CUNNINGHAM, HARRY .. .. .  | {18 Knowe Terrace, Pollokshields,<br>Glasgow.                 |
| 1875 Jan. 17.   | CUNNINGHAM, JAMES HENRY .. ..                                       | 2 Ravelston Place, Edinburgh.                                 |
| 1898 Dec. 6.    | CUNNOLD, CLEMENT ALLAN .. ..  | {Sea View, Westbourne Grove, West-<br>cliffe-on-Sea.          |
| 1883 Dec. 4.    | *CURRY, WILLIAM ELMITT .. ..  | Woodoaks Farm, nr. Rickmansworth.                             |
| 1888 Jan. 10.   | CURRY, WILLIAM THOMAS .. ..   | Ruabon, North Wales.  |
| t ✚ 1890 May 6. | {CURTIS, ALFRED HARPER,<br>B.A. ( <i>Lond.</i> ) .. .. .}           | Carleton Lodge, Lower Walmer,<br>Kent. [well, E.]             |
| 1903 Feb. 3.    | CUSACK, RALPH SMITH OLIVER ..                                       | Rotherhithe Tunnel Works, Shad-                               |
| 1893 Apr. 11.   | CUSHNY, JOHN .. .. .  | Box 2237, Johannesburg, Transvaal.                            |
| 1892 Dec. 6.    | *CUST, LEOPOLD .. .. .  | 99 Onslow Square, S.W.  |
| 1894 May 1.     | *CUTBILL, HARRY WALLACE .. ..                                       | Bogota, U.S. Colombia.  |
| 1890 Dec. 2.    | CUTHBERT, GEORGE BLYTHIE .. ..                                      | Cambridge, South Africa.                                      |
| 1906 Apr. 3.    | CUTHBERT, JAMES GIBSON .. ..  | Suir Bridge Ry. Works, Waterford.                             |
| 1900 Dec. 4.    | CUTLER, ARTHUR EDWARD .. ..   | {Magie Street, Mosmans, Sydney,<br>N.S.W.                     |
| 1874 May 12.    | CUTLER, SAMUEL .. .. .  | Providence Ironworks, Millwall, E.                            |
| 1905 Dec. 5.    | CUTLER, SAMUEL, JUNR. .. ..   | 117 Ashley Gardens, S.W.                                      |
| 1896 Dec. 1.    | CUTTEN, FREDERICK ALFRED .. ..                                      | {Cutten Brothers, Billiter Square<br>Buildings, E.C.          |



|     | Date of Election. | ASSOCIATE MEMBERS.  |   |
|-----|-------------------|---|---|
|     | 1904 Jan. 12.     | DACK, WILLIAM HERBERT ..  | { Woolstone, Comworthy, nr. Totnes, Devon.                    |
|     | 1889 Dec. 3.      | DADABHOY, CURSETJEE .. ..   | Cumballa Hill, Bombay.  |
|     | 1888 May 1.       | DADABHOY, RATANSHAW .. ..   | Bombay Ironworks, Bombay.                                     |
|     | 1891 Mar. 3.      | DADLEY, BENJAMIN BAINES ..  | 46 Elmfield Road, Balham, S.W.                                |
| +   | 1882 May 2.       | DALES, JOHN HANDSLEY .. ..  | { Bathwaite & Co., 325 Finsbury<br>Pavement House, E.C.       |
|     | 1905 Feb. 7.      | *DALGARNO-ROBINSON, HENRY ..  | Marshgate House, Richmond, Surrey.                            |
| +   | 1898 Dec. 6.      | { *DALGLEISH, GEOFFREY SCOTT,<br>B.Sc. ( <i>Edin.</i> ) .. .. . }     | c.o. National Bank of Egypt, Cairo.                           |
|     | 1881 May 31.      | DALLAS, JOHN EDWIN .. ..  | c.o. H. S. King & Co., Pall Mall, S.W.                        |
|     | 1905 Apr. 11.     | { *DĀNI, DĀMODAR GANESH,<br>B.Sc. ( <i>Bombay</i> ), F.C.H. .. }      | { Dr. Dāni, Sholapore, Bombay Pre-<br>sidency.                |
|     | 1898 Dec. 6.      | *DANIEL, ARTHUR HENRY ..  | { 7 Furnivall Road, Balby, Don-<br>caster.                    |
|     | 1902 Dec. 2.      | *DANIEL, WALTER .. ..   | Admiralty Works, Hong Kong.                                   |
|     | 1874 Apr. 14.     | DARBISHIRE, CHARLES HENRY   | Plas Mawr, Penmaenmawr.                                       |
| t + | 1892 Dec. 6.      | { *DARE, HENRY HARVEY,<br>M.E. ( <i>Sydney</i> ) .. .. . }            | { Roads and Bridges Dept., Sydney,<br>N.S.W.                  |
|     | 1906 Feb. 6.      | *DARLEY, BERNARD D'OLIER ..   | Hardwar, United Provinces, India.                             |
|     | 1883 Dec. 4.      | { DARLINGTON, FREDERICK<br>ARTHUR .. .. . }                           | { 55 Amesbury Avenue, Streatham<br>Hill, S.W.                 |
|     | 1906 Jan. 9.      | { DARUVALA, DINSHAH DADA-<br>BHOY, L.C.E. ( <i>Bombay</i> ) .. }      | Municipality, Bombay.   |
|     | 1877 Feb. 6.      | DARWIN, HORACE, M.A. ( <i>Cantab.</i> )                               | Huntingdon Road, Cambridge.                                   |
|     | 1873 Mar. 4.      | DARWIN, SAMUEL BROTHERS ..  | 7 Heath Road, Petersfield, Hants.                             |
|     | 1902 Feb. 4.      | *DAS, RONESCHANDRA .. ..  | Panchanuntolah, Howrah, Bengal.                               |
|     | 1890 Apr. 1.      | *DAVENPORT, CHARLES EDWARD  | Inglewood Park Road, Nantwich.                                |
|     | 1900 Mar. 6.      | DAVENPORT, GEORGE ROBERT  | Casilla del Correo 796, Buenos Aires.                         |
|     | 1905 Dec. 5.      | DAVIDGE, WILLIAM ROBERT ..  | { London County Council, 19 Charing<br>Cross Road, W.C.       |
|     | 1906 Jan. 9.      | DAVIDSON, JOHN ALEXANDER  | { c.o. Thos. Stewart, 6 St. George's<br>Chambers, Cape Town.  |
|     | 1882 Dec. 5.      | DAVIDSON, JOHN GEORGE ..  | Caledonian Canal, Inverness.                                  |
|     | 1882 May 2.       | DAVIDSON, JOHN PATON .. ..  | Parry & Co., Madras.  |
|     | 1900 Jan. 9.      | { *DAVIDSON, JONATHAN ROBERTS,<br>M.Sc. ( <i>Victoria</i> ) .. .. . } | Water Engineer's Office, Liverpool.                           |
|     | 1891 Mar. 3.      | DAVIES, DAVID .. ..   | Cowell House, Llanelly.                                       |
|     | 1903 Apr. 7.      | *DAVIES, EDWARD AYERST ..   | 124 Croydon Road, Anerley, S.E.                               |
|     | 1895 Jan. 8.      | DAVIES, JOHN HUBERT .. ..   | Box 1386, Johannesburg Transvaal.                             |
|     | 1897 Apr. 6.      | DAVIES, JOHN HUGH .. ..   | Cymry, Mooroopna, Victoria.                                   |
|     | 1888 Dec. 4.      | DAVIES, MORGAN WILLIAMS ..  | 3 Gloucester Place, Swansea.                                  |
|     | 1906 Jan. 9.      | { *DAVIES, THEOPHILUS MAX-<br>WELL, B.A. ( <i>Cantab.</i> ) .. .. }   | { c/o Sir Douglas Fox & Partners, 28<br>Victoria Street, S.W. |
|     | 1876 Apr. 4.      | DAVIES, THOMAS WILBERFORCE  | 41 Park Place, Cardiff.                                       |
|     | 1888 Dec. 4.      | DAVIES, WILLIAM AUGUSTUS ..   | { Town Hall Chambers, High Street,<br>Hounslow, W.            |
|     | 1896 Dec. 1.      | DAVIES, WILLIAM PHILIP ..   | Valetta, Palace Avenue, Rhyl.                                 |
|     | 1893 Dec. 5.      | DAVIS, ARTHUR CHAMIER ..  | P.W.D., Hyderabad, Deccan, India.                             |
|     | 1897 Apr. 6.      | { *DAVIS, CLEMENT FREDERICK,<br>B.A. ( <i>Cantab.</i> ) .. .. . }     | { Osmington, Priestlands Road,<br>Sidcup.                     |
|     | 1903 Apr. 7.      | DAVIS, FRANK WILLIAM ..   | { Cleveland Bridge Co., Gateshead-on-<br>Tyne.                |
|     | 1906 Apr. 3.      | DAVIS, FREDERICK GEORGE ..  | 21 Northumberland Avenue, W.C.                                |
|     | 1899 Dec. 5.      | { *DAVIS, FREDERICK WILLIAM<br>DANIEL, M.Sc. ( <i>Victoria</i> ) .. } | S. Pearson & Son, Breakwaters, Malta.                         |
|     | 1875 Jan. 12.     | DAVIS, HARRY LOUIS .. ..  | { G.E. Ry., Eng.'s Office, Liverpool<br>Street, E.C.          |
|     | 1905 Feb. 7.      | *DAVIS, JOHN DARELAN DAVID  | Llwynderi, Neath.   |
|     | 1891 Jan. 13.     | *DAVIS, NEVILLE BROOKES, ..   | Waterworks Office, Leicester.                                 |
|     | 1901 Dec. 3.      | DAVIS, WILLIAM HARRY .. ..  | { Cuban Central Railways, Sagua la<br>Grande, Cuba.           |



| Date of Election. | ASSOCIATE MEMBERS.                                       |   |
|-------------------|--|---|
| 1891 Feb. 3.      | *DAVISON, AUGUSTINE CAMPBELL                             | 366 Camden Road, N.   |
| 1903 Apr. 7.      | *DAVSON, SIMON SILVER .. ..                              | { L.C.C. Eng.'s Office, Spencer Park,<br>North Side, Wandsworth, S.W. |
| 1891 Dec. 1.      | *DAVY, JOHN .. .. .                                      | Caixa 403, Rio de Janeiro.  |
| 1896 Feb. 4.      | { DAWBARN, GILBERT JOSEPH,<br>B.Sc. (Glas.) .. .. }      | School of Mines, Ballarat, Victoria.                                  |
| 1901 Mar. 5.      | { *DAWE, JOHN NANSCAWEN,<br>B.Sc. (Glas.) .. .. }        | Midland Railway, Sea Mills Station,<br>Bristol.                       |
| 1899 Feb. 7.      | *DAWE, PHILIP HENRY .. ..                                | { 2 Cavendish Gardens, Clapham<br>Park, S.W.                          |
| 1871 Apr. 4.      | DAWNAY, ARCHIBALD DAVIS ..                               | 39 Victoria Street, S.W.  |
| 1894 May 1.       | *DAWNEY, ALBERT EDWARD ..                                | { Colne Engaine, Earl's Colne R.S.O.,<br>Essex.                       |
| 1905 Jan. 10.     | { DAWSON, GEORGE HERBERT<br>WRIGLEY, M.A. (Cantab.) .. } | Woodlands, Horsforth, near Leeds.                                     |
| 1875 Dec. 7.      | DAWSON, JAMES HENRY .. ..                                | { c.o. Grindlay & Co., 54 Parliament<br>Street, S.W.                  |
| 1895 Feb. 5.      | *DAWSON, JOHN SMITH .. ..                                | 45 Osborne Road, Blackpool.   |
| 1904 Jan. 12.     | DAY, ARTHUR ALBERT .. ..                                 | 33 Hartington Road, Bolton, Lancs.                                    |
| 1899 Dec. 5.      | { *DAY, CLAUD ALBERT STAIN-<br>TON .. .. . }             | Grosvenor House, Isleworth, W.  |
| 1904 Dec. 6.      | DAY, GEORGE ALBERT .. ..                                 | Famagusta, Cyprus.  |
| 1906 Apr. 3.      | *DEACON, MARTIN .. .. .                                  | 19 Warwick Square, S.W.   |
| 1903 Apr. 7.      | *DEAKIN, GEORGE WELSBY ..                                | 20 Devonshire Road, Bristol.  |
| 1891 May 5.       | DEAKIN, THOMAS HEDGES ..                                 | Parkend, Lydney, Glos.  |
| 1902 Dec. 2.      | { *DEANE, HENRY JAMES,<br>B.E. (Sydney) .. .. }          | 12 Well Walk, Hampstead, N.W.   |
| 1895 Jan. 8.      | DEARDEN, HENRY .. .. .                                   | Boro' Engineer, Dewsbury.   |
| 1900 Jan. 9.      | DEAS, JAMES .. .. .                                      | Water Engineer's Office, Warrington.                                  |
| 1881 May 3.       | DEASE, PATRICK PAGET .. ..                               | Les Sapins, Dinan, France.  |
| 1905 Apr. 4.      | DEBNEY, WILLIAM .. .. .                                  | Town Hall, Birkenhead.  |
| 1882 Dec. 5.      | D'EBRO, CHARLES ABRAHAM ..                               | 99 Queen St., Melbourne, Victoria.                                    |
| 1906 Apr. 3.      | { DE COURCY, HARRY FRANCIS<br>DOUGLAS .. .. . }          | Trichinopoly, Madras, India.  |
| 1897 Dec. 7.      | { *DELAP, ALFRED DOVER,<br>B.A.I. (Dubl.) .. .. }        | Resident Engineer's Office, Rosslare,<br>co. Wexford.                 |
| m 1890 Apr. 1.    | { *DELVES-BROUGHTON, VERNON<br>WARBURTON .. .. . }       | 80 Central Hill, Upper Norwood,<br>S.E.                               |
| 1885 Dec. 1.      | DE MELO, CHARLES HARVEY                                  | King, Hamilton & Co., Calcutta.                                       |
| ✠ 1898 Mar. 1.    | DEMPSTER, HERBERT GEORGE                                 | Seaford, Richmond, Natal.   |
| 1905 Mar. 7.      | { DEMPSTER, THOMAS GRANT,<br>B.Sc. (Glas.) .. .. }       | N.W. Ry., Wazirabad, Punjab,<br>India.                                |
| 1895 May 21.      | DENHAM, HENRY MANGLES ..                                 | Ashbourne House, Rainhill, Lancs.                                     |
| 1886 Dec. 7.      | *DENISON, GEORGE CHARLES ..                              | { 2 Strathmore Gardens, Kensington,<br>W.                             |
| 1881 May 31.      | DENNIS, HENRY .. .. .                                    | Ruabon, N. Wales. (Dennis, Ruabon.)                                   |
| 1893 Dec. 5.      | DENNIS, NELSON FREDERICK ..                              | Boro' Engineer, West Hartlepool.                                      |
| 1905 Dec. 5.      | DENNY, GEORGE ALFRED ..                                  | { 603-4 Consolidated Building, Fox<br>Street, Johannesburg.           |
| 1881 Apr. 5.      | *DENT, HASTINGS CHARLES ..                               | { The Homestead, South Godstone,<br>Surrey.                           |
| 1886 Dec. 7.      | DENTON, HENRY RICHARD JOHN                               | Tor Lodge, Compton, Wolverhampton.                                    |
| 1885 Dec. 1.      | DETSI, MIGUEL .. .. .                                    | { Rua do Imperador 8, Petropolis, Rio<br>de Janeiro.                  |
| 1902 Dec. 2.      | DEVENISH, JAMES ALDRIDGE                                 | King, King & Co., Bombay.   |
| 1891 May 1.       | { *DEVENISH-MEARES, BASIL,<br>B.A.I. (Dubl.) .. .. }     | Newry, Ireland.   |
| 1889 Feb. 5.      | { *DEVÉRIA, LEWIS MARIE<br>THEODULE .. .. . }            | 22 Lower Kemmendine Road, Ran-<br>goon, Burma.                        |
| m 1897 Jan. 12.   | *DE VILLE, MARTIN .. .. .                                | { Ardhui, Fairdene Road, Coulsdon,<br>Surrey.                         |
| 1883 May 1.       | *DEVONSHIRE, THOMAS EASTON                               | Purbright, Chislehurst.   |

| Date of Election. | ASSOCIATE MEMBERS.  |   |
|-------------------|---|---|
| 1899 Dec. 5.      | { DHIRAJRAM, HIMATLAL ( <i>Rao Bahadur</i> ) .. .. }        | Ahmedabad, Bombay.  |
| 1891 Dec. 1.      | { DHUNJIBHOY, RUTTONJI, <i>Khan Sahib</i> .. .. }           | 31 1st Marine Street, Dhobi Talao, Bombay.                                |
| 1894 Dec. 4.      | DIAZ-LOMBARDO, ISIDRO .. ..                                 | Calle de Cocheras 11, Mexico.   |
| 1888 Apr. 10.     | DIBLEY, GEORGE .. ..  | Gaveston Place, Nuthurst, Sussex.   |
| 1895 Dec. 3.      | DICK, DAVID CRAWFORD .. ..                                  | { Engineering Department, Custom House, Shanghai.                         |
| 1905 Dec. 5.      | { *DICKENSON, WALTER HENRY, B.Sc. ( <i>Durham</i> ) .. .. } | 35 Manor House Road, Newcastle-on-Tyne.                                   |
| 1899 Dec. 5.      | DICKINSON, HAROLD .. ..                                     | { Woodfield, North Park Road, Roundhay, Leeds.                            |
| 1888 Dec. 4.      | DICKINSON, THOMAS RUSHOLM                                   | Burton House, Clifton, York.  |
| 1879 Dec. 2.      | *DICKSON, JOHN .. ..  | Glaisdale Grange, Whitby.   |
| 1888 Dec. 4.      | DIESELHORST, WILLIAM .. ..                                  | 182 Victoria Road, Charlton.  |
| 1905 Dec. 5.      | *DIGBY, KENELM WILLIAM .. ..                                | Khargpur P.O., Midnapur, Bengal.  |
| 1881 Dec. 6.      | DIGGLE, JAMES .. ..   | Water Engineer, Heywood.  |
| ✠ 1900 Jan. 9.    | { *DILLEY, WILFRID JOSEPH, B.Sc. ( <i>Edin.</i> ) .. .. }   | Engineering School, Ghizeh, Egypt.  |
| 1906 Mar. 6.      | *DISLEY, HERBERT ROSTRON .. ..                              | { L. and Y. Ry., Resident Engineer's Office, 118 Manchester Road, Bolton. |
| 1885 Feb. 3.      | *DISNEY, GEORGE WILLIAM .. ..                               | { B. & N. W. Railway, Muzafferpur, India.                                 |
| 1893 Dec. 5.      | *DIX, HARRY ARTHUR .. ..                                    | Anstey, Beaumont Leys, Leicester.   |
| 1902 Mar. 4.      | *DIXON, ARTHUR .. ..  | { 101 Aireville Road, Bradford (Construct, Bradford).                     |
| 1905 Dec. 5.      | *DIXON, ERNEST .. ..  | 89 Hanover Street, Liverpool.   |
| 1893 Jan. 10.     | DIXON, FRANCIS EDWARD .. ..                                 | 49 Lune Street, Preston.  |
| 1892 Dec. 6.      | *DIXON, FREDERIC BRERETON .. ..                             | 37 Walbrook, E.C.   |
| 1897 Apr. 6.      | DIXON, FREDERIC JOHN .. ..                                  | { Waterworks Dept., Eng.'s Office, Haringate.                             |
| 1906 Jan. 9.      | *DIXON, JOHN LEONARD .. ..                                  | 5 Eastern Esplanade, Margate.   |
| 1892 Dec. 6.      | *DIXON, ROBERT BLAND, R.N. .. ..                            | { Hurst Croft, Foxley Lane, Purley, Surrey.                               |
| 1896 Dec. 1.      | DIXON, RODEN .. ..  | Boro' Surveyor, Stratford-on-Avon.  |
| t ✠ 1900 Dec. 4.  | { *DOAK, WALTER JAMES, B.E. ( <i>Sydney</i> ) .. .. }       | Engineer's Office, Railway Dept., Brisbane, Queensland.                   |
| 1904 Jan. 12.     | DOBBIE, JOHN .. ..  | B. & N. W. Ry., Gorakhpur, India.   |
| 1897 Feb. 2.      | { *DOBSON, ARTHUR AUSTIN GREAVES .. .. }                    | c.o. H. A. Dobson, 75 Eaton Rise, Ealing, W.                              |
| 1897 Feb. 2.      | DOBSON, DOUGLAS .. ..                                       | Boro' Engineer, Masterton, N.Z.   |
| 1906 Apr. 3.      | *DOBSON, ERNEST .. ..                                       | Waldon Castle, Torquay.   |
| 1904 Dec. 6.      | { *DOBSON, JOSEPH HENRY, B.Sc. ( <i>Victoria</i> ) .. .. }  | Transvaal Technical Institute, Johannesburg.                              |
| 1883 Feb. 6.      | *DOCKRAY, JOHN ARTHUR .. ..                                 | Chelston Bank, Torquay.   |
| 1901 Dec. 3.      | *DODD, EDWARD .. ..   | { 37 Waterloo Street, Birmingham. (Culvert, Birmingham. 04718.)           |
| 1891 Jan. 13.     | *DODD, FRANK WILLIAM .. ..                                  | { Portland Harbour Torpedo Works, Weymouth.                               |
| 1890 Dec. 2.      | DODD, PETER .. ..   | Surveyor's Office, Wandsworth, S.W.                                       |
| 1902 Dec. 2.      | *DODD, ROBERT PARKER .. ..                                  | 37 Waterloo Street, Birmingham.   |
| 1894 Jan. 9.      | *DODS, JOSHUA CHALMERS .. ..                                | Cannamore, Malabar, India.  |
| 1894 Mar. 6.      | { *DONALD, PATRICK DUNLOP, B.Sc. ( <i>Glas.</i> ) .. .. }   | Annandale, Kilmarnock.  |
| 1905 Apr. 4.      | *DONALD, ROBERT BUCHAN .. ..                                | { Res. Eng.'s Office, Sewage Disposal Works, Huddersfield.                |
| t ✠ 1898 Mar. 1.  | { *DONALDSON, THORNYCROFT, M.A. ( <i>Cantab.</i> ) .. .. }  | 2 Melbury Road, Kensington, W.  |
| 1898 Apr. 5.      | *DONKIN, SYDNEY BRYAN .. ..                                 | { Sir A. B. W. Kennedy, 17 Victoria Street, S.W.                          |
| 1889 Dec. 3.      | { DONOHUE, WILLIAM EDWARD, Major, Army Service Corps }      | St. Ives, South Farnborough.  |

Date of  
Election.

## ASSOCIATE MEMBERS.

|                  |  |   |
|------------------|--|---|
| 1902 Jan. 14.    | { DORMAN, WILLIAM STEWART<br>HOBART, B.A., B.E. ( <i>Royal</i> ) } | P.W.D., Amballa, Punjab, India.                                 |
| 1902 Feb. 4.     | *DORMOR, HENRY DUNCAN ..   | H.M. Dockyard, Malta.   |
| 1883 Dec. 4.     | *DOUGAL, ROBERT .. ..  | 33 Great George Street, S.W. [S.W.]                             |
| 1894 May 1.      | *DOUGLAS, ALEXANDER SHARP, JUN.                                    | McIlwraith & Co., 7 Victoria Street,                            |
| 1902 Dec. 2.     | *DOUGLAS, EDWARD ALISON ..   | Box 115, Roodepoort, Transvaal.                                 |
| 1894 Jan. 9.     | *DOUGLAS, GORDON .. ..   | Minas de Rio Tinto, Huelva, Spain.                              |
| 1885 May 5.      | DOUGLAS, JOHN .. ..  | { 24 Esmond Gardens, Bedford Park,<br>W.                        |
| 1894 May 1.      | *DOUGLASS, ALFRED EDWARDS  | { Waterworks, Paradise Street, Bir-<br>mingham.                 |
| 1895 Feb. 5.     | DOUGLASS, JAMES ROBERTSON  | Harbour Engineer's Office, Dundee.                              |
| 1895 Feb. 5.     | DOUGLASS, WILLIAM LISTON ..  | District Offices, Hamilton, N.B.                                |
| 1891 May 5.      | DOVE, JOHN CHARLES .. ..   | St. Nicholas Ironworks, Carlisle.                               |
| ✠ 1888 Feb. 7.   | { DOWDALL, WILLIAM MAC-<br>DONNELL MITCHELL .. .. }                | Shanghai, China.  |
| 1897 Jan. 12.    | DOWN, FREDERICK JONATHAN   | { Glengariff, Milton Road, Harpenden,<br>Herts.                 |
| 1898 Mar. 1.     | DOWNES, JAMES RATHBONE ..  | Chetwynd, Sidley, Bexhill-on-Sea.                               |
| t ✠ 1887 Feb. 1. | { *DOWNES, ROBERT HENRY<br>BURNSIDE .. .. }                        | Trustee Buildings, Barrack Street,<br>Perth, Western Australia. |
| 1901 Apr. 23.    | { *DOWNIE, ANDREW MARSHALL,<br>B.Sc. ( <i>Glas.</i> ) .. .. }      | 4 Strathmore Gardens, Hillhead,<br>Glasgow.                     |
| 1889 Mar. 5.     | { DOWNING, ARTHUR JOSEPH,<br>B.A.I. ( <i>Dubl.</i> ) .. .. }       | Old Cabra House, Cabra, Dublin.                                 |
| 1858 Feb. 2.     | DOWNING, ROBERT .. ..  | 10 Park Crescent, Oxford.                                       |
| 1902 Apr. 8.     | *DOWSON, ERNEST MCLEOD ..  | Survey Dept., P.W.D., Cairo.                                    |
| 1897 Feb. 2.     | *DOXAT, LOUIS CHARLES JOHN   | { Peak House, Hole Head, Dawlish,<br>S. Devon.                  |
| 1893 Jan. 10.    | { DOYLE, KINSLEY DRYDEN,<br>M.A., B.A.I. ( <i>Dubl.</i> ) .. .. }  | Depts. Obras Publicas, Parana,<br>Brazil.                       |
| 1895 Feb. 5.     | DRAKE, FRANCIS BRAGG ..  | { Municipal Engineer, Mowbray, Cape<br>Town, C.C.               |
| 1900 Dec. 4.     | DREWITT, HARRY WILLIAM ..  | Minas de Rio Tinto, Huelva, Spain.                              |
| 1898 Dec. 6.     | { *DRIEBERG, JAMES ALFRED<br>GRENIER .. .. }                       | P.W.D., Puttalam, Ceylon.                                       |
| 1891 Dec. 1.     | DRIFFIELD, EDWARD CARUS ..   | { Mining & Ry. Co., Mount Lyell,<br>Tasmania.                   |
| 1901 Apr. 2.     | DRON, ROBERT WILSON .. ..  | 79 West Regent Street, Glasgow.                                 |
| 1902 Apr. 8.     | { DROUGHT, FREDERICK AINSLIE,<br>B.E. ( <i>Royal</i> ) .. .. }     | Pembroke, Passage West, co. Cork.                               |
| 1903 Apr. 7.     | *DROWN, ALFRED ERNEST ..   | { Rydell, Lanercost Road, Tulse Hill<br>Park, S.W.              |
| 1895 Dec. 3.     | *DRUCE, ERNEST HARRY .. ..   | { c.o. Dr. Fenton, Avonmore, Warwick<br>Road, Coventry.         |
| 1893 Dec. 5.     | *DRUMMOND, HAWTREY MARKS   | { Cia de Cobres, Calama, Antofagasta,<br>Chili.                 |
| 1903 Apr. 7.     | *DRUMMOND, PETER, B.Sc. ( <i>Edin.</i> )                           | Khartum, Sudan.   |
| 1887 Mar. 1.     | *DRURY, ALEXANDER GRAHAM   | Rotherhithe Tunnel Works, Shad-                                 |
| 1902 Dec. 2.     | { *DRURY, OSWALD GEORGE<br>COOPER .. .. }                          | 5 The Grove, Horley, Surrey. [well, E.]                         |
| 1892 Dec. 6.     | *DRURY, RICHARD FREDERICK  | { Land Registry, 34 Lincoln's Inn<br>Fields, W.C.               |
| 1891 Mar. 3.     | *DRYLAND, ALFRED .. ..   | County Surveyor's Office, Hereford.                             |
| 1888 Mar. 6.     | DUARTE, JOÃO RAYMUNDO ..   | General Pedra 95, Rio de Janeiro.                               |
| 1903 Apr. 7.     | *DUCKHAM, FREDERIC WILLIAM   | Admiralty Harbour Works, Dover.                                 |
| 1890 Dec. 2.     | DUCKHAM, HEBER .. ..   | British Grove, Chiswick, W.                                     |
| 1904 Apr. 12.    | *DUDLEY, ROLAND .. ..  | { S.C.E. Office, H.M. Dockyard,<br>Chatham.                     |
| 1889 Dec. 3.     | *DUFF, EDWARD JAMES .. ..  | { Holly Lodge, Cressington Park,<br>Liverpool.                  |
| 1889 Feb. 5.     | DUFFY, RICHARD .. ..   | Calle Juneal 2237, Buenos Aires.                                |



| Date of Election. | ASSOCIATE MEMBERS.                             |  |
|-------------------|--|--|
| 1905 Dec. 5.      | DUGUID, ALEXANDER TURNER                       | Mirpur P.O., Dacca District, India.  |
| 1882 Feb. 7.      | DUGUID, HARRY GREENFIELD                       | 18 Stanley Place, Pimlico, S.W.  |
| 1905 Dec. 5.      | DUGUID, WILLIAM MORRISON                       | { Fulwell Lime Works, North Bridge Street, Sunderland.                         |
| 1898 Dec. 6.      | *DUKE, AUDLEY MERVYN ..                        | 69 Lansdowne Road, Old Charlton,   |
| 1904 Jan. 12.     | *DUKE, JOHN REGINALD HARE                      | Turf Club, Cairo, Egypt. [S.E.]  |
| 1890 Dec. 2.      | DUNCAN, ALFRED JOHN .. ..                      | P.O. Box 16, Melbourne, Victoria.  |
| 1891 Jan. 13.     | *DUNCAN, ANDREW .. .. .                        | { New Graving Dock, Queen's Road, Belfast.                                     |
| 1879 May 27.      | DUNCAN, EDMUND ALBERT ..                       | P.W.D., Lahore, Punjab.  |
| 1897 Jan. 12.     | *DUNCAN, HERBERT ELLIS ..                      | 2 Hartman Place, Bradford.   |
| 1896 Dec. 1.      | DUNCAN, NORMAN .. .. .                         | Municipal Office, Rangoon, Burma.  |
| 1876 Jan. 11.     | *DUNN, EDWARD ALEXANDER ..                     | 32 Keppel St., Russell Square, W.C.  |
| 1890 May 20.      | DUNN, GEORGE BICKHAM ..                        | The Grove, Hertford.   |
| ✠ 1885 Jan. 13.   | DUNN, PETER LIVINGSTON ..                      | { 815 Battery Street, San Francisco, U.S. (Clutha, San Francisco.)             |
| 1883 Mar. 6.      | DUNPHY, AUGUSTINE LOUIS ..                     | Cambridge House, Old Charlton, S.E.  |
| 1879 Feb. 4.      | *DUNSTON, ROBERT EDWARD ..                     | { State Line and Sullivan Railroad, Towanda, Pa., U.S.                         |
| 1905 Apr. 11.     | *DUNWOODY, ROBERT BROWNE                       | { Royal Commission on Canals and Waterways, 51 Victoria Street, S.W.           |
| 1887 Dec. 6.      | DUQUEMIN, JAMES HENRY ..                       | 65 Victoria Road, Guernsey.  |
| 1899 Dec. 5.      | *DURHAM, FRANK ROGERS ..                       | 11 Orsett Terrace, Hyde Park, W.   |
| 1900 Dec. 4.      | *DURIE, GEORGE ARTHUR ..                       | P.W.D., Rangoon, Burma. [E.C.]   |
| 1894 Mar. 6.      | DURLACHER, ALEXANDER PERCY                     | 33 New Bridge Street, Blackfriars,   |
| 1899 Dec. 5.      | DURNFORD, HERBERT ST. JOHN                     | { Standard Buildings, City Square, Leeds.                                      |
| 1884 May 27.      | DUTTON, SAMUEL TELFORD ..                      | Marl Bank, Worcester.  |
| 1893 Jan. 10.     | DUXBURY, THOMAS .. .. .                        | { 17 Grosvenor Chambers, Deansgate, Manchester. (Darwinian, Manchester. 1806.) |
| 1887 Dec. 6.      | { DWYER, FREDERICK LAW, B.A. (Dubl.) .. .. . } | Govt. Rys., Cape Town, Cape Colony.  |
| 1903 Jan. 13.     | *DYER, ARTHUR REGINALD ..                      | { Asst Divisional Officer, Fire Brigade, Southwark, S.E.                       |
| 1895 Jan. 8.      | *DYKES, ALFRED HERBERT ..                      | 1 Victoria Street, S.W.  |
| ✠ 1891 Feb. 3.    | *DYMOND, EDMUND ROBERT ..                      | Vaga House, Hereford.  |
| 1890 Feb. 4.      | *DYSON, ROBERT CHARLES, F.C.H.                 | Grindlay, Groom & Co., Bombay.   |
|                   |  |  |
| 1891 May 5.       | EARL, HENRY DOUGLAS .. ..                      | Oakley, Huyton Park, Liverpool.  |
| 1887 Dec. 6.      | *EARLY, SYDNEY CHARLES ..                      | Continental Ice Co., Boulogne-s/Mer.   |
| 1880 Apr. 6.      | EARNSHAW, JOHN THOMAS ..                       | Boro' Surveyor, Aslton-under-Lyne.   |
| 1883 May 29.      | EAST, ROWLAND HARRY ..                         | F. C. Pura, Paita, Peru.   |
| 1867 Dec. 3.      | EASTMAN, THOMAS .. .. .                        | Valparaiso, Chile.   |
| 1891 Mar. 3.      | *EASTON, JAMES RAMMELL ..                      | 42 Gordon Road, Ealing, W.   |
| 1867 Dec. 3.      | EASTON, JOHN MARSHALL ..                       | Tordarroch, Helensburgh, N.B.  |
| 1905 Dec. 5.      | EASTWOOD, JAMES .. .. .                        | 2 Dunkirk Crescent, Halifax.   |
| 1902 Dec. 2.      | EASTWOOD, WILLIAM .. ..                        | { 4 Beechwood Grove, Cardigan Lane, Leeds.                                     |
| 1885 Dec. 1.      | EATON-SHORE, GEORGE .. ..                      | Borough Surveyor, Crewe.   |
| 1878 Feb. 5.      | ECKSTEIN, WILLIAM .. .. .                      | 187 Union Street, Borough, S.E.  |
| 1906 Feb. 6.      | *ECROYD, FREDERICK THOMAS                      | City Surveyor's Office, Manchester.  |
| 1883 Dec. 4.      | *EDE, FRANCIS JOSEPH .. ..                     | Silchar, Cachar, India.  |
| 1899 Feb. 7.      | *EDE, HAINES BREEBAART ..                      | Whitehall Club, Parliament St., S.W.   |
| 1899 Apr. 11.     | EDEN, EDGAR MARK .. .. .                       | 76 Adelaide Road, N.W.   |
| 1898 Dec. 6.      | { *EDGUMBE, KENELM WILLIAM EDWARD .. .. . }    | 33 Tedworth Square, Chelsea, S.W.  |
| 1895 Dec. 3.      | EDGELL, ROBERT GORDON ..                       | P.W. Office, East Maitland, N.S.W.   |
| m ✠ 1883 May 29.  | *EDINGER, WILLIAM HENRY ..                     | 3 Fenchurch Avenue, E.C.   |

Date of  
Election.

## ASSOCIATE MEMBERS.

|                |   |  |
|----------------|---|--|
| 1901 Jan. 8.   | { EDMONDSON, ALFRED RICHARD,<br>M.Sc. ( <i>Victoria</i> ) .. .. } | The Oaks, Moss Lane, Timperley.                          |
| 1895 Feb. 5.   | *EDMONDSON, JOHN ALFRED ..  | { Cowlshaw, Walker & Co., Etruria,<br>Stoke-on-Trent.    |
| 1896 Jan. 14.  | EDWARDES, CHARLES ARTHUR  | { Ry. Construction Branch, P.W.D.,<br>Sydney, N.S.W.     |
| 1883 Feb. 6.   | EDWARDS, ANGELO EMANUEL   | 19 Clifford St., Paisley Rd., Glasgow.                   |
| 1900 Dec. 4.   | { EDWARDS, CHARLES WALTER,<br>B.A.I. ( <i>Dubl.</i> ) .. .. }     | Dick, Kerr and Co., 2 Finlayson<br>Grove, Singapore.     |
| 1902 Mar. 4.   | EDWARDS, EDGAR JAMES ..   | 13 Charing Cross, S.W.                                   |
| 1905 Dec. 5.   | { *EDWARDS, ERNEST WILLIAM<br>JOHN .. .. }                        | c.o. J. May, Leon, Nicaragua.                            |
| 1896 May 19.   | EDWARDS, HENRY CLAUDE JOHN  | { Boro' Engineer's Dept., 346 Ken-<br>nington Road, S.E. |
| 1895 May 21.   | EDWARDS, HERBERT FRANCIS ..                                       | 104 Stanwell Road, Penarth, Cardiff.                     |
| 1886 Dec. 7.   | { *EDWARDS, OSBORNE ANTHONY<br>GEORGE .. .. }                     | L. & S.W. Ry., Eastleigh, Hants.                         |
| ✠ 1887 Dec. 6. | *EDWARDS, WALTER CLEEVE ..  | P.W.D., Cape Town.                                       |
| 1890 Jan. 14.  | { *EDWARDS, WILLIAM BEN,<br>B.E. ( <i>Royal</i> ) .. .. }         | 28 Mayfield Road, Gosforth, New-<br>castle-on-Tyne.      |
| 1897 Mar. 2.   | *EDWARDS, WILLIAM JAMES ..  | { Taff Vale Ry., Engineer's Office,<br>Cardiff.          |
| 1881 May 31.   | *EGERTON, ROBERT WALTER ..  | { c.o. Mrs. Egerton, 17 King's Avenue,<br>Ealing, W.     |
| 1900 Jan. 9.   | *ELCE, WILLIAM HENRY .. ..  | Boro' Engineer, Bacup.                                   |
| 1880 Dec. 7.   | ELDRIDGE, JAMES .. ..   | Gasworks, Oxford.  |
| 1885 Dec. 1.   | *ELLIOTT, GILBERT FRANCIS ..                                      | Marine Dept., Brisbane, Queensland.                      |
| 1906 Apr. 10.  | *ELKINGTON, VIVIAN .. ..  | { St. Aubyn's, Woodborough Road,<br>Putney, S.W.         |
| 1881 Mar. 1.   | ELLERY, CHARLES STAFFORD ..                                       | { Gas L. & C.Co., Upper Bristol Road,<br>Bath.           |
| 1886 Dec. 7.   | *ELLIOT, GODFREY TURNBULL   | 165 Great Dover Street, S.E.                             |
| 1901 Mar. 5.   | ELLIOT, JAMES DUNCAN ..   | 13 Victoria Street, S.W.                                 |
| 1894 Feb. 6.   | *ELLIOTT, HARRY HORNE ..  | { Res. Eng., Cape Govt. Rys., Cape<br>Town, C.C.         |
| 1901 Dec. 3.   | ELLIOTT, JOHN ROBERT .. ..  | { Burton Buildings, Parliament St.,<br>Nottingham.       |
| 1896 Dec. 1.   | *ELLIS, BERTRAM WYBURNE ..  | 7 Roland Gardens, Kensington, S.W.                       |
| 1896 Dec. 1.   | *ELLIS, SOMERS HOWE .. ..   | Tranmere Bay Works, Birkenhead.                          |
| 1905 Apr. 4.   | ELLISON, ARTHUR REGINALD ..                                       | Hoscote, West Kirby, Cheshire.                           |
| 1905 Dec. 5.   | ELLISON, DAVID .. ..  | { Borough Engineer's Office, West<br>Bromwich.           |
| 1904 Apr. 12.  | ELLSON, ARTHUR .. ..  | Globe Works, Grays, Essex.                               |
| 1901 Dec. 3.   | ELLSON, GEORGE .. ..  | { Dounington, Green Lane, New<br>Eltham.                 |
| 1891 May 5.    | ELMS, FRANCIS .. ..   | G.W.Ry., Eng.'s Office, Plymouth.                        |
| 1884 Jan. 8.   | ELSWORTHY, EDWARD HOUTSON   | Clos Java, Lausanne, Switzerland.                        |
| 1881 Mar. 1.   | ELTON, CHARLES TIERNEY ..   | { Rowford Lodge, Cheddon Fitzpaine,<br>Taunton.          |
| 1902 Apr. 8.   | EMERSON, JOHN WILLIAM SLOAN                                       | 13 Earl's Court Square, S.W.                             |
| 1896 Mar. 3.   | *EMTAGE, RAYMOND HOWARD ..  | 14 James St., Bridgetown, Barbados.                      |
| 1887 Apr. 5.   | *ENFIELD, <i>Viscount</i> .. ..                                   | 5 St. James's Square, S.W.                               |
| 1892 Jan. 12.  | *ENGLISH, BERTRAM WILLIAM   | { 63 Overstrand Mansions, Battersea<br>Park, S.W.        |
| 1889 Feb. 5.   | *ENGLISH, FREDERICK HENRY ..                                      | { Westland Green, Little Hadham,<br>Herts.               |
| 1892 Dec. 6.   | *ENNIS, THOMAS FREDERICK ..                                       | { 18 Dorlcote Road, Wandsworth<br>Common, S.W.           |
| 1905 Feb. 7.   | { ENNIS, THOMAS STANISLAUS,<br>B.E. ( <i>Royal</i> ) .. .. }      | G.W.Ry. of Brazil, Pernambuco,<br>Brazil.                |
| 1881 Feb. 1.   | ENNOR, CHARLES JOHN .. ..   | Quinta Pimenta, Foz, Oporto.                             |
| 1900 Jan. 9.   | *ERAUT, WALTER .. ..  | 5 Thornssett Road, Anerley, S.E.                         |

| Date of Election.  | ASSOCIATE MEMBERS.   |  |
|--------------------|--|--|
| 1896 Jan. 14.      | *ERICHSEN, FREDERIK OLE ..   | { Crosby, Lyford Road, Wandsworth Common, S.W.                   |
| 1900 Feb. 6.       | ESSEX, ERNEST HENRY .. ..  | Engr.'s Office, Town Hall, Leyton, E.                            |
| 1892 Dec. 6.       | *ESTCOURT, ARTHUR JOHN ..  | { London Road Ironworks, Harleston, Norfolk.                     |
| 1896 Dec. 1.       | { *ESTLER, PAUL TRAUGOTT<br>JULIUS .. .. .. }                              | Fairfield House, Old Charlton, S.E.                              |
| 1851 Apr. 1.       | ETTY, THOMAS BODLEY .. ..  | Belmont Road, Scarborough.                                       |
| 1871 Feb. 7.       | EUNSON, JOHN .. .. ..  | Gasworks, Northampton.   |
| 1905 Apr. 4.       | { EUSTACE, GERALD NEEDHAM,<br>B.A., B.A.I. ( <i>Dubl.</i> ) .. .. }        | c.o. Mrs. Peters, 37 Castee Road, Dundalk.                       |
| 1898 Apr. 5.       | { EUSTICE, Professor JOHN,<br>B.Sc. (Engineering) ( <i>Lond.</i> ) .. .. } | { Hartley University College, Southampton.                       |
| 1881 Mar. 1.       | EVANS, ARTHUR CLEMENT ..   | Thos. Cook & Son, Bombay.  |
| 1887 Dec. 6.       | *EVANS, EDGAR IVOR .. ..   | District Council, Penarth, Cardiff.                              |
| 1892 Mar. 1.       | EVANS, EVAN .. .. ..   | County Surveyor, Carnarvon.                                      |
| 1892 Mar. 1.       | EVANS, WILLIAM .. .. ..  | New Walk, Beverley, Yorks.                                       |
| 1905 Dec. 5.       | { *EVERARD, BERNARD,<br>B.A. ( <i>Cantab.</i> ) .. .. .. }                 | 6 Millstone Lane, Leicester.                                     |
| 1897 Jan. 12.      | *EVERARD, FRANCIS OVER ..  | { Belliss & Morcom, Ledsam Street, Birmingham.                   |
| 1905 Apr. 4.       | EVERETT, SYDNEY ALBERT ..  | Aber Colliery, Ognore Vale.                                      |
| 1903 Apr. 7.       | { EYES, ARTHUR FRANCIS,<br>B.A.I. ( <i>Dubl.</i> ) .. .. .. }              | E. I. Ry., Allahabad, India.                                     |
| ✠ 1899 Feb. 7.     | { EYES, GRAVES WILLIAM,<br>B.A.I. ( <i>Dubl.</i> ) .. .. .. }              | Chief Eng., Kowloon-Canton Ry., Kowloon, Hong Kong.              |
| 1882 Dec. 5.       | EWENS, PAUL .. .. ..   | 5 Austin Friars, E.C.  |
| 1900 Dec. 4.       | *FABER, EDWARD GREY .. ..  | { Engineer's Office, London County Council, Spring Gardens, S.W. |
| 1904 Jan. 12.      | *FADELLE, JOSEPH EDWARD ..   | { B.A. Rosario Ry., Buenos Ayres, Argentina.                     |
| 1897 Jan. 12.      | FAIRBAIRN, ADAM MAITLAND   | { G. H. Hill, Albert Chambers, Albert Square, Manchester         |
| 1893 Dec. 5.       | FAIRBAIRN, EDWARD PERCY ..   | 26 Clifton Gardens, Folkestone.                                  |
| 1883 May 1.        | *FAIRBANK, FRANK GRAHAM ..   | Lendal Chambers, York.   |
| 1893 Jan. 10.      | { *FAIRGRIEVE, EDGAR HUNTER,<br>B.Sc. ( <i>Edin.</i> ) .. .. .. }          | 40 Marchmont Crescent, Edinburgh.                                |
| 1891 Feb. 3.       | *FAIRHOLME, FREDERICK CHARLES  | Chas. Cammell & Co., Sheffield.                                  |
| ✠ 1886 Apr. 6.     | *FAIRLEY, WILLIAM .. .. ..   | 69 Victoria Street, S.W.   |
| 1904 Feb. 2.       | *FALK, EDWARD .. .. ..   | { Auxiliary Forces Club, 2 Whitehall Court, S.W.                 |
| 1905 Dec. 5.       | *FANE, ALMERIC CECIL .. ..   | Bicester House, Bicester.  |
| 1892 May 24.       | { *FARQUHARSON, THOMAS,<br>B.Sc. ( <i>Edin.</i> ) .. .. .. }               | { Rosario Nitrate Co., per Gildemeister & Co., Iquique, Chili.   |
| 1892 May 3.        | { *FARR, CLINTON COLERIDGE,<br>D.Sc. ( <i>Adelaide</i> ) .. .. .. }        | { Canterbury College, Christchurch, New Zealand.                 |
| ✠ 1892 Feb. 2.     | FARR, WILLIAM BEAN .. ..   | { Netherby, Abington Park Parade Northampton.                    |
| 1904 Apr. 12.      | { *FARRANT, HENRY,<br>B.A. ( <i>Cantab.</i> ) .. .. .. }                   | 53 Victoria Street, S.W.   |
| 1903 Apr. 7.       | FARRAR, HAROLD, M.Sc. ( <i>Victoria</i> )                                  | G.C. Ry., Grimsby Docks.   |
| t m ✠ 1896 May 19. | *FARRELL, RICHARD CRAIG ..   | 70 Wellington Street, Glasgow.                                   |
| 1899 Feb. 7.       | FARRINGTON, THOMAS BOOTH   | Trinity Square, Llandudno.                                       |
| 1894 May 1.        | *FARRINGTON, WILLIAM .. ..   | Urban District Council, Woodford.                                |
| 1904 Jan. 12.      | *FARWELL, GEORGE DOUGLAS ..  | 11 Laura Place, Bath.  |
| 1889 May 21.       | *FAWCUS, ALFRED .. .. ..   | Backworth, Roxebank, Natal.                                      |
| 1887 Feb. 1.       | *FEALON, HENRY SOMERVILLE  |  |
| 1900 Apr. 3.       | FELKIN, LEONARD GEORGE ..  | Topham, Jones & Railton, Gibraltar.                              |



| Date of Election. | ASSOCIATE MEMBERS.  |  |
|-------------------|---|--|
| 1896 Feb. 4.      | FELL, GEORGE NOBLE .. ..  | 17 Victoria Street, S.W.   |
| 1884 Dec. 2.      | FENDER, DAVID THOMAS .. ..                                      | 14 Hearnville Road, Balham, S.W.   |
| 1893 Dec. 5.      | FENNELLY, RICHARD .. ..   | Kilmore, Victoria.   |
| 1884 Dec. 2.      | { *FERREIRA, EDUARDO DE<br>MORAES GOMES .. .. }                 | Pernambuco, Brazil.  |
| 1868 May 5.       | FERREIRA, JOÃO NERI .. ..                                       | Rio de Janeiro.  |
| 1905 Feb. 7.      | { *FERRO, Don ERNESTO,<br>B.A. (Colombia) .. .. }               | Apartado 257, Bogota, Colombia [ <i>via</i><br>New York]. (Ferro, Bogota.) |
| 1902 Dec. 2.      | FERRY, CLEMENT BEAUMONT   | { C.S.A. Rys., P.O. Box 1121, Jo-<br>hannesburg.                           |
| 1891 Dec. 1.      | *FESTA, GIULIO .. ..  |  |
| 1906 Apr. 3.      | FETTES, JAMES DOLLERY .. ..                                     | 72A George Street, Edinburgh.  |
| 1899 Dec. 5.      | *FFORDE, FRANCIS CRESWELL ..                                    | Raughlan, Lurgan, co. Armagh.  |
| 1900 Feb. 6.      | *FIELD, MICHAEL BIRT .. ..                                      | 8 St. Paul's Rd., Kersal, Manchester.                                      |
| 1904 Jan. 12.     | { *FIELD, WILLIAM ROBERT,<br>F.C.H. .. .. }                     | Trelana, Buele, N. Cornwall.   |
| 1882 Dec. 5.      | *FILDEN, EDWARD BROCKLEHURST                                    | Condover Hall, Shrewsbury.   |
| 1894 May 1.       | FIELDER, HERBERT .. ..  | { Titchfield, Beechwood Road,<br>Sanderstead.                              |
| 1892 Feb. 2.      | FINCH, ALFRED ROBERT .. ..                                      | Town Hall, Kensington, W.  |
| 1902 Dec. 2.      | FINCH, ERNEST EDWARD .. ..                                      | Town Hall, Bethnal Green, N.E.   |
| 1897 Dec. 7.      | { FINCH, HENEAGE WYNNE,<br>M.A. (Oxon.) .. .. }                 | New University Club, St. James's<br>Street, S.W.                           |
| 1888 Jan. 10.     | FINDLAY, GEORGE JAMES .. ..                                     | Glanyrafon, near Wrexham.  |
| 1892 Dec. 6.      | *FINDLAY, ROBERT .. ..  | Board of Works, The Green, Eltham.   |
| 1895 May 21.      | *FINLAISON, HARRY GLEN .. ..                                    | Irrigation Dept., Mansura, Egypt.  |
| 1882 May 2.       | FINNEY, JAMES BABBETT .. ..                                     | P.O. Box 16, Georgetown, Demerara.   |
| 1886 Feb. 2.      | *FINNIMORE, BENJAMIN KINGTON                                    | Kendarea, Darjeeling, India.   |
| 1900 Feb. 6.      | FIRR, TOM FREEMAN .. ..   | { Survey Dept., Zomba, British Central<br>Africa.                          |
| 1884 Dec. 2.      | *FIRTH, GEORGE SEPTIMUS .. ..                                   | { c.o. Rev. W. A. Firth, Westfield<br>Vicarage, Battle, Sussex.            |
| 1883 Dec. 4.      | *FIRTH, SYDNEY .. ..  | { Engineer-in-Chief's Dept., Govt.<br>Rys., Cape Town, C.C.                |
| 1904 Jan. 12.     | *FIRTH, WILLIAM JAMES .. ..                                     | { 23 Norman Terrace, Street Lane,<br>Roundhay, Leeds.                      |
| 1886 Mar. 2.      | FISH, ROBERT .. ..  | { Newport Villa, York Avenue, East<br>Cowes, I.W.                          |
| 1889 Jan. 8.      | FISHER, HENRY BEDWELL .. ..                                     | L. B. & S. C. Ry., Newhaven.   |
| 1885 Dec. 1.      | *FISHER, SACKVILLE .. ..  |  |
| 1895 Dec. 3.      | FISHER, WILLIAM CLARK .. ..                                     | 24 Albany Road, Ealing, W.   |
| 1891 Apr. 7.      | *FISHER, WILLIAM DIXON .. ..                                    | { Tanglin, St. Leonard's Road, Ayr,<br>N.B. [vaal.                         |
| 1890 Feb. 4.      | *FITT, JOHN EDWARD .. ..  | Town Engineer, Standerton, Trans-  |
| 1889 May 7.       | FITZGERALD, GERALD .. ..  | P.O. Box 461, Wellington, N.Z.   |
| 1876 Dec. 5.      | { *FITZGERALD, MAURICE FRED-<br>ERICK, B.A. (Dubl.) .. .. }     | 32 Eglantine Avenue, Belfast.  |
| 1890 Dec. 2.      | FITZ-GERALD, ROBERT DAVID                                       | { Roads and Bridges Dept., Sydney,<br>N.S.W.                               |
| 1905 Dec. 5.      | { FITZHERBERT, JOHN ROBERT<br>FREDERICK .. .. }                 | Lower Jhelum Canal, Shalpur,<br>Punjab.                                    |
| 1886 Dec. 7.      | FITZ-PATRICK, ROBERT PERSE                                      | Local Government Board, Dublin.  |
| 1905 Dec. 5.      | { *FITZSIMONS, HERBERT WALTER,<br>B.Sc. (Engineering) (Lond.) } | John J. Webster, 39 Victoria<br>Street, S.W.                               |
| 1893 May 16.      | FLACH, JAMES .. ..  | { c.o. W. A. Reid, 40 West Avenue,<br>Derby.                               |
| 1889 Dec. 3.      | *FLAVELLE, ALBERT EDWARD ..                                     | { Harbour Works, Bellinger Heads,<br>New South Wales.                      |
| 1890 Dec. 2.      | FLAVIN, WILLIAM RICHARD ..                                      | { Jackson House, Jackson Chat Street,<br>Calcutta.                         |
| 1894 Jan. 9.      | FLEMING, GEORGE EDWARD ..                                       | { Dewrance & Co., 79 West Regent<br>Street, Glasgow.                       |

| Date of Election.  | ASSOCIATE MEMBERS.   |  |
|--------------------|--|--|
| 1904 Jan. 12.      | { FLEMING, SAMUEL HENRY, B.E., B.A. ( <i>Royal</i> ) .. .. } | Hope Arms Hotel, Castleblayney.  |
| 1894 May 1.        | *FLETCHER, BERNARD MORLEY                                    | { 20 Victoria Street, S.W. (Agonium, London. Westminster 5085.)        |
| 1891 May 5.        | *FLETCHER, GEORGE EDWIN ..                                   | 77 King Street, Manchester.  |
| 1897 Dec. 7.       | *FLETCHER, HERBERT PHILLIPS                                  | 29 New Bridge Street, E.C.   |
| 1887 May 24.       | FLETCHER, JOHN .. ..   | Boro' Eng., Durban, Natal.   |
| ✠ 1886 Feb. 2.     | FLETCHER, JOHN WILLIAM ..                                    | { The Homestead, Cale Green, Stockport.                                |
| 1892 Dec. 6.       | *FLETCHER, PATRICK .. ..                                     | Bulawayo, Matabeleland.  |
| 1891 Dec. 1.       | *FLETCHER, ROBERT ALEXANDER                                  | Bulawayo, Matabeleland.  |
| 1892 Dec. 6.       | { FLETCHER, WILLIAM WELLESLEY POLE .. .. }                   | P.W.D., Colombo, Ceylon.   |
| 1905 Dec. 5.       | *FLINT, FRANK DEAN .. ..                                     | { Eng.'s Office. Construction Division, Rangoon, Burma.                |
| 1899 Apr. 11.      | { *FLOOD, JOHN GARNAR, M.A. ( <i>Cantab.</i> ) .. .. }       | Ibstock, near Leicester.   |
| 1897 Apr. 6.       | *FLOWER, ERNEST HUBERT ..                                    | 47 Drummond Road, Agra, India.   |
| 1894 Dec. 4.       | FLOWER, THOMAS JAMES MOSS-                                   | { Carlton Chambers, Baldwin St., Bristol. (Moss-Flower, Bristol, 756.) |
| 1904 Apr. 19.      | FOLK, SAMUEL MARK .. ..                                      | 73 Park Road, Regent's Park, N.W.                                      |
| 1906 Apr. 3.       | FONTAINE, HERBERT JAMES ..                                   | Town Hall, Hull.   |
| 1888 Mar. 6.       | *FORBES, ANDREW .. ..  | 136 Otley Road, Leeds.   |
| 1896 Mar. 3.       | *FORBES, HENRY KEITH .. ..                                   | Long Newton Reservoir, Darlington.                                     |
| 1873 May 6.        | FORD, ARCHIBALD HENRY ..                                     | 11 High Street, Portsmouth.  |
| 1892 May 24.       | { *FORD, CHARLES FREDERICK VERNON .. .. }                    | { Marehay Main Colliery, Ripley, Derby.                                |
| 1883 May 29.       | *FORD, HENRY WALTER .. ..                                    | Calle Constitucion 1464, Buenos Aires.                                 |
| 1889 Jan. 8.       | *FORD, HUGO ROBERT .. ..                                     | { Estacion Haedo, F. C. Oeste, Buenos Aires.                           |
| 1891 Dec. 1.       | FORD, JOHN CUNNINGHAM ..                                     | { Cooke & Sons, 14 Great Chapel Street, Westminster, S.W.              |
| 1894 Mar. 6.       | *FORD, THOMAS WHARTON ..                                     | 9 Bridge Street, Westminster, S.W.                                     |
| 1897 Jan. 12.      | FORDE, HENRY BLIGH .. ..                                     | { Norddeutsche Seekabelwerke. Nord-eulamm-an-der Weser, Germany.       |
| 1890 Apr. 1.       | FORDER, WALTER GEORGE ..                                     | 107 High Road, Lee, S.E.   |
| 1894 Dec. 4.       | FORREST, JOHN CHARLES ..                                     | { Holly Bank Colliery, Essington, Wolverhampton.                       |
| ✠ 1896 Apr. 14.    | { *FORREST, WILLIAM ROBERTSON LIDDERDALE .. .. }             | { 7 The Sanctuary, Westminster, S.W.                                   |
| 1896 Mar. 3.       | *FORRESTER, ARTHUR LIVESEY                                   | Lea Cottage, Malmesbury, Wilts.  |
| ✠ 1894 May 22.     | { FORSTER, CHARLES EDWARD, B.A. ( <i>Sydney</i> ) .. .. }    | { Colonial Sugar Refining Co., Sydney, N.S.W.                          |
| 1882 Dec. 5.       | { FOSTER, EDWARD WILLIAM PERCEVAL, C.M.G. .. .. }            | P.W.D., Cairo.   |
| 1891 Dec. 1.       | { *FOSTER, HENRY LLEWELLYN THOMAS .. .. }                    | { M. Longridge, 12 King Street, Manchester.                            |
| 1901 Apr. 2.       | FOULIS, WILLIAM AINSLIE ..                                   | { Tyne Improvement Commission, Newcastle-on-Tyne.                      |
| 1902 Jan. 14.      | { *FOWLER, CECIL ARTHUR, B.A.I. ( <i>Dubl.</i> ) .. .. }     | Rosslare, Sligo.   |
| t m ✠ 1896 Dec. 1. | *FOWLER, HENRY .. ..   | 122 Rose Hill Street, Derby.   |
| 1902 Dec. 2.       | FOWLDS, WALTER .. ..   | Boro' Engineer's Office, Keighley.                                     |
| ✠ 1904 Mar. 1.     | *FOX, ALFRED, Jun. .. ..                                     | { Senor J. E. Harmsen, Arequipa, Peru.                                 |
| f m ✠ 1901 Mar. 5. | { *FOX, CHARLES BERESFORD, M.A. ( <i>Cantab.</i> ) .. .. }   | { Shabluka Cataract, Egyptian Survey Dept., Khartum.                   |
| ✠ 1890 Feb. 4.     | *FOX, GUILHERME HENRIQUE ..                                  | States Ry., Kajang, Malay, S.S.  |
| 1893 Jan. 10.      | *FOX, JOHN RICHARD STRATFORD                                 | { F. C. Rosario, Calle Bartolome Mitre 299, Buenos Aires.              |
| 1904 Apr. 12.      | { *FOX, SENIOR FREDERICK LEOPOLD .. .. }                     | { Borough Engineer, Town Hall, Luton.                                  |

Date of  
Election.

## ASSOCIATE MEMBERS.

|                  |   |   |
|------------------|---|---|
| 1906 Jan. 9.     | { *FOX, WALTER ERNEST,<br>B.E. ( <i>Royal</i> ) .. .. }         | L. & S. W. R., Eastleigh Station,<br>Hampshire.                     |
| 1884 Dec. 6.     | FRÄNCKEL, EDWARD .. ..  | Atlas Works, Stockholm.   |
| 1891 Apr. 7.     | FRANKLIN, LUKE, B.E. ( <i>Queen's</i> )                         | Mount Road, Fleetwood.  |
| 1901 Dec. 3.     | *FRANKS, CHARLES FOARD ..                                       | { South Metropolitan Gas Company,<br>70 Bankside, S.E.              |
| 1892 May 3.      | FRASER, ALEXANDER ORME ..                                       | Lautoka, Viti Levu, Fiji.   |
| 1905 Apr. 4.     | FRASER, EBENEZER .. ..  | P.W.D., Bombay.   |
| 1881 Dec. 6.     | *FRASER, ERNEST GORDON ..                                       | The Knowle, Monmouth.   |
| 1903 Apr. 7.     | FRASER, THOMAS .. ..  | { c.o. Chief Engineer, G. I. P. Ry.,<br>Bombay.                     |
| 1904 Apr. 12.    | FRASER, WILLIAM ALEXANDER                                       | { 1 Ogilvie Terrace, Merchiston,<br>Edinburgh.                      |
| 1873 May 20.     | FRASER, WILLIAM JOHN .. ..                                      | 121 Adelaide Rd., Hampstead, N.W.                                   |
| 1895 Dec. 3.     | FRECH, SIGISMUND ALFRED ..                                      | { Parliament Mansions, Victoria<br>Street, S.W.                     |
| 1877 Dec. 4.     | FREEMAN, HENRY SOMERSON ..                                      | Cormongers, Nutfield.   |
| 1901 Apr. 2.     | *FREUND, GEORGE JOHN, Jun. ..                                   | { Lancaster House, Dacres Road,<br>Forest Hill, S.E.                |
| 1896 Dec. 1.     | FREW, ALEXANDER .. ..   | 216 West George Street, Glasgow.                                    |
| 1905 Dec. 5.     | FREW, JAMES FORREST .. ..                                       | 2 Granby Place, Hillhead, Glasgow.                                  |
| 1890 Dec. 2.     | FREW, ROBERT DIXON ALISON                                       | Chelmer, near Brisbane, Queensland.                                 |
| 1901 Feb. 5.     | *FRIEDBERGER, MAURICE BRYHAM                                    | Eng.'s Office, New Mills, Stockport.                                |
| 1902 Dec. 2.     | FRIEL, WILLIAM .. ..  | { Chamber of Commerce Buildings,<br>Waterford.                      |
| 1888 Feb. 7.     | *FROBISHER, EDWARD .. ..  | Urban District Council, Fleetwood.                                  |
| 1884 Dec. 2.     | FROGGATT, WILLIAM .. ..   | Chapelton, Sheffield.   |
| 1904 Dec. 6.     | FROGLEY, JAMES HENRY ..   | Bradshaw, Bolton.   |
| 1886 Dec. 7.     | FRY, WILLIAM HENRY .. ..  | 9 High Street, Gosport.   |
| 1893 Dec. 5.     | *FUHR, HENRY HANNAY .. ..                                       | P.W.D., King William's Town, C.C.                                   |
| 1887 Dec. 6.     | FUJIKURA, KENTATSU .. ..  | { 4 Atagomachi Sanchome, Shibo,<br>Tokio, Japan.                    |
| 1905 Dec. 5.     | { FULTON, ALEXANDER MAC-<br>NEIL .. .. }                        | Leafield, Kilbowie, Clydebank.                                      |
| 1890 Jan. 14.    | FULTON, DAVID .. ..   | 1 Garden Court, Temple, E.C.  |
| 1905 Dec. 5.     | *FUNNELL, HERBERT NICHOLAS                                      | 42 Elfindale Road, Herne Hill, S.E.                                 |
| 1893 Dec. 5.     | *FURNESS, GEORGE JAMES ..                                       | Roundwood House, Willesden, N.W.                                    |
| 1898 Dec. 6.     | *FURNIVALL, FRANK .. ..   | { N.W. State Ry., Lahore, Punjab,<br>India.                         |
| 1900 Dec. 4.     | GABBETT, EDWARD .. ..   | c.o. H. S. King & Co., 65 Cornhill, E.C.                            |
| 1900 Apr. 3.     | GADSBY, DAVID JOHNSON ..  | 32 Cissbury Road, Hove, Sussex.                                     |
| 1896 May 19.     | { GAFFNEY, STAFFORD,<br>M.A.I. ( <i>Dubl.</i> ) .. .. }         | 46 Northumberland Road, Dublin.                                     |
| 1892 Dec. 6.     | *GAGE, JOHN FRANKLIN .. ..                                      | { Ashanti Goldfields Aux. Co., Aun-<br>kwa, via Sekondi, W. Africa. |
| 1900 Feb. 6.     | { GAILEY, THOMAS ANDREW,<br>B.E., B.A. ( <i>Royal</i> ) .. .. } | Woodleigh Terrace, Londonderry.                                     |
| m 1871 Mar. 7.   | *GAINSFORD, THOMAS ROBERT ..                                    | Woodthorpe Hall, near Sheffield.                                    |
| 1877 May 29.     | GALBRAITH, JOHN, M.A. ( <i>Toronto</i> )                        | School of Practical Science, Toronto.                               |
| m † 1894 Dec. 4. | *GALE, ARTHUR ROBERT .. ..                                      | Malvern Villa, Flitwick Road,                                       |
| m 1889 May 21.   | *GALE, CHARLES HENRY .. ..                                      | P.W.D., Hong Kong. [Amptill.  |
| 1895 May 21.     | GALE, WILLIAM WILLIS ..   | Urban District Council, Carshalton.                                 |
| † 1884 May 27.   | GALLON, WILLIAM .. ..   | Town Hall, Upper St., Islington, N.                                 |
| 1877 Dec. 4.     | { *GALLOWAY, THOMAS LINDSAY,<br>M.A. ( <i>Glas.</i> ) .. .. }   | 175 West George Street, Glasgow.                                    |
| 1880 Dec. 7.     | GAMBLE, SIDNEY GOMPERTZ ..                                      | Fire Brigade, Southwark, S.E.                                       |
| 1892 Dec. 6.     | GANDON, JOHN .. ..  | Ottoman Gas Company, Smyrna.  |
| 1889 Mar. 5.     | *GARbutt, MATTHEW .. ..   | 4 Queen Square, Bloomsbury, W.C.                                    |



| Date of Election. |     | ASSOCIATE MEMBERS.                                       |   |
|-------------------|-----|--|---|
| 1905 Dec.         | 5.  | *GARDOM, WILLIAM DOUGLAS<br>CRONHELM .. .. .             | Buenos Aires and Pacific Railway,<br>Buenos Aires, Argentina.       |
| 1897 Dec.         | 7.  | *GARFIELD, JOSEPH .. .. .                                | Thackley, Bradford.   |
| 1890 Apr.         | 1.  | *GARLAND, ERNEST TALBOT COPE                             | Iphoh, Perak, Malay, S.S.   |
| 1899 Dec.         | 5.  | *GARNETT, SYDNEY HAROLD ..                               | Cardross, Dumbartonshire.   |
| 1900 Apr.         | 3.  | GARRARD, GEORGE .. .. .                                  | Waterworks, Small Street, Bristol.                                  |
| 1891 May          | 5.  | *GARRARD, JOHN JERVIS .. ..                              | Durban Club, Durban, Natal.   |
| ✠ 1895 Apr.       | 2.  | GARRATT, HERBERT ALFRED ..                               | { L.C.C. School of Marine Engineer-<br>ing, High Street, Poplar, E. |
| 1895 Feb.         | 5.  | *GARRETT, FRANK, JUN. .. ..                              | Leiston Works, Suffolk.   |
| 1902 Dec.         | 2.  | GARRETT, FREDERICK MORTON                                | { Box 392, Bloemfontein, Orange<br>River Colony.                    |
| 1890 Dec.         | 2.  | GARRETT, HENRY AUGUSTUS ..                               | Town Surveyor, Torquay. [N.   |
| 1904 Apr.         | 12. | GARROD, CHARLES, B.Sc.(Lond.)                            | 66 Lynmouth Road, Stamford Hill,                                    |
| 1904 Dec.         | 6.  | GARROW, ROBERT GEORGE ..                                 | { C. Brand & Son, Harbour Works,<br>Kirkcaldy, N.B.                 |
| 1895 Dec.         | 3.  | GARSDIE, EDWARD .. .. .                                  | { Town Hall Chambers, Ashton-under-<br>Lyne.                        |
| 1891 Dec.         | 1.  | GARSON, GEORGE, B.Sc.(Edin.)                             | { Victorian Water Supply, Melbourne,<br>Victoria.                   |
| 1892 May          | 24. | GARTHWAITE, JOHN GEORGE ..                               | Engineer's Office, Guildhall, E.C.                                  |
| m ✠ 1902 Jan.     | 14. | { *GARVIE, ROBERT HALLEY,<br>B.Sc. (St. Andrews) .. .. } | Ship Canal Co., 41 Spring Gardens,<br>Manchester.                   |
| 1892 Jan.         | 12. | GASKELL, JOHN BERRIDGE ..                                | Dock & Ry. Co., Milford Haven.                                      |
| 1899 Apr.         | 11. | *GASKIN, FREDERIC WILLIAM                                | 12 Swiss Road, Fairfield, Liverpool                                 |
| 1894 Dec.         | 4.  | GATEHOUSE, TOM ERNEST ..                                 | 100 Tulse Hill, S.W.  |
| 1891 Feb.         | 3.  | *GATES, CHASEMORE PHILIP ..                              | The Reed Cottage, Soham, Cambs.                                     |
| 1887 Apr.         | 5.  | GATT, LORENZO .. .. .                                    | 10 Strada Seconda, Floriana, Malta.                                 |
| 1906 Feb.         | 6.  | *GAUVAIN, WILLIAM PERCIVAL                               | { Waihi Gold Mining Company, Ltd.,<br>Waihi, New Zealand.           |
| 1900 Feb.         | 6.  | *GAVIN, JOSEPH MERRICKS ..                               | { 65 South Hill Park, Hampstead,<br>N.W.                            |
| 1903 Apr.         | 7.  | GAZE, HARRY PHILIP .. ..                                 | { Central Electric Supply Co., Grove<br>Road, St. John's Wood, N.W. |
| 1900 Apr.         | 3.  | { *GEDYE, NICHOLAS GEORGE,<br>B.Sc. (Birmingham) .. .. } | 15 Victoria Street, Westminster,<br>S.W.                            |
| 1904 Dec.         | 6.  | GEEN, HARRY .. .. .                                      | Sun Bldgs., Clare Street, Bristol.                                  |
| 1905 Jan.         | 10. | { GELLATLY, JOHN THOMPSON<br>BISSET .. .. . }            | Eng.-in-charge, Bongolo Scheme,<br>Queenstown, C.C.                 |
| 1893 Mar.         | 7.  | *GELSTON, ROBERT .. .. .                                 | 74 George Street, Limerick.   |
| 1905 Apr.         | 4.  | GENLLOU, ALBERT LIVESEY                                  | Hartington Grove, Cambridge.  |
| 1906 Feb.         | 6.  | *GEORGE, CHARLES HERBERT ..                              | { Oakenclough, Lincelhurst, Ashton-<br>under-Lyne.                  |
| 1882 Dec.         | 5.  | *GEORGE, DUNCAN .. .. .                                  | King, King & Co., Bombay.   |
| 1894 Mar.         | 6.  | GERRAND, DAVID .. .. .                                   | Box 3712, Johannesburg, Transvaal.                                  |
| 1899 Dec.         | 5.  | GERTNER, ALBERT WILLIAM ..                               | State Rys., Victoria Malleco, Chile.                                |
| 1906 Apr.         | 3.  | GETTINGS, SYDNEY SALTER ..                               | Town Hall, West Bromwich.   |
| ✠ 1890 Dec.       | 2.  | GHOSH, JOGINDRA NATH ..                                  | P.W.D., Barisal, Bengal.  |
| 1897 Apr.         | 6.  | *GIBB, ALEXANDER .. .. .                                 | { Contractor's Office, Bensham Station,<br>Gateshead.               |
| 1905 Dec.         | 5.  | *GIBB, ANDREW SHIRRA .. ..                               | { P.W.D., Sargodah District, Shahpur,<br>Punjab, India.             |
| 1866 Feb.         | 6.  | GIBB, EASTON .. .. .                                     | Haversham Grange, Twickenham.                                       |
| 1905 Dec.         | 5.  | GIBBARD, FREDERICK BERNARD                               | 20 Ellerby Street, Fulham, S.W.                                     |
| 1904 Apr.         | 19. | GIBBINGS, ALFRED HORSWILL                                | 41 North John Street, Liverpool.                                    |
| 1892 Feb.         | 2.  | GIBBINS, WILLIAM DICKINS ..                              | 63 Victoria Road, Northampton.                                      |
| 1874 May          | 5.  | *GIBBONS, CHARLES PRESTON ..                             | T. Doewra & Son, Ball's Pond, N.                                    |
| 1902 Apr.         | 8.  | GIBBS, ALECK ROBERT .. ..                                | 98 Upper Tulse Hill, S.W.   |
| m ✠ 1891 Dec.     | 1.  | *GIBBS, LAWRENCE .. .. .                                 | { Bridge House, Wirksworth, Derby-<br>shire.                        |
| 1902 Dec.         | 2.  | *GIBSON, ALEXANDER JAMES ..                              | { School of Engineering, The Univer-<br>sity, Sydney, N.S.W.        |

| Date of Election. |   | ASSOCIATE MEMBERS.   |  |
|-------------------|---|--|--|
| 1906 Jan. 9.      | { | GIBSON, ARNOLD HARTLEY,<br>B.Sc. ( <i>Victoria</i> ) .. .. .                             | Nether End, Northenden, Cheshire.                                    |
| 1900 Apr. 3.      |   | GIBSON, GEORGE HENRY .. ..   | 246 Bath Street, Glasgow.  |
| 1905 Dec. 5.      | { | GIBSON, GODFREY MARSDEN,<br>B.A. ( <i>Cantab.</i> ) .. .. .                              | Melbourne House, Stretford, Manchester.                              |
| 1905 Jan. 10.     | { | *GIBSON, LAWRENCE JAMES<br>DOUGLAS, M.A., B.Sc. ( <i>St. Andrews</i> ) .. .. .           | Hindoun, Rajputana, India.   |
| 1890 Jan. 14.     | * | GIBSON, NORMAN WALTER JOHN   | 7 Royal Arsenal, Woolwich.   |
| 1900 Dec. 4.      | * | GIBSON, RALPH ERNEST .. ..   | Gas Offices, Duke Street, Liverpool.                                 |
| 1899 Apr. 11.     | { | GIBSON, THOMAS SYDNEY<br>FLETCHER .. .. .  | Gasworks, 709 Old Kent Rd., S.E.                                     |
| 1890 Jan. 14.     | * | GIFFORD, HERBERT JAMES .. ..   |  |
| 1895 Feb. 5.      | { | *GILBERT, THOMAS STEPHEN,<br>B.E. ( <i>Royal</i> ) .. .. .                               | Harbour Office, Belfast.   |
| 1905 Apr. 4.      |   | GILCHRIST, JAMES .. .. .   | { Coode, Son & Matthews, 9 Victoria Street, S.W.                     |
| 1906 Feb. 6.      | { | *GILES, HUMPHREY NOEL,<br>B.Sc. ( <i>Victoria</i> ), B.Eng. ( <i>Liverpool</i> ) .. .. . | Liverpool Corporation Waterworks, Oswestry.                          |
| 1885 Dec. 1.      | * | GILES, WALTER .. .. .  | H. S. King & Co., Pall Mall, S.W.                                    |
| 1883 Dec. 4.      |   | GILL, ALBERT AUGUSTUS .. ..  | { The Bungalow, Church Cobham, Surrey.                               |
| 1901 Apr. 2.      |   | GILL, HENRY DUDLEY .. ..   | Richardson & Cruddas, Bombay.  |
| 1886 May 4.       |   | GILL, JOHN .. .. .   | Lea Hurst, Bangor.   |
| 1888 Apr. 10.     |   | GILL, JOHN .. .. .   | Imperial Road, Fulham, S.W.  |
| ✠ 1878 Feb. 5.    | * | GILL, JOHN CHARLES .. ..   | Municipal Offices, Peterboro'.                                       |
| 1884 Mar. 4.      | * | GILL, LEONARD ALDRIDGE .. ..   | Ingleside, Montague Rd., Ealing, W.                                  |
| 1886 Dec. 7.      |   | GILLESPIE, JOHN .. .. .  | { e.o. Simkins & Adams, Cape Town, C.C.                              |
| 1889 Dec. 3.      |   | GILLIES, JAMES DOUGLAS .. ..   | Greymouth, New Zealand.  |
| 1905 Dec. 5.      | * | GILLILAND, ALBERT HOWARD   | { Derwent Aqueduct, Baslow, Derbyshire.                              |
| 1889 Dec. 3.      | * | GILLINGHAM, ALFRED JOHN .. ..  | { Calle San Isidro 138, San Martin, Buenos Aires, Argentina.         |
| 1894 May 1.       | * | GILL-JENKINS, DANIEL .. ..   | { Dharwar Reefs Co., Kabulayatkatti P.O., Bombay.                    |
| 1898 Dec. 6.      |   | GILMOUR, DAVID .. .. .   | Box 231, Johannesburg, Transvaal.                                    |
| 1891 Dec. 1.      |   | GILMOUR, ROBERT .. .. .  | 122 Wellington Street, Glasgow.                                      |
| 1900 Mar. 6.      |   | GLASS, SYDNEY NEWTON .. ..   | 16 Ravenscroft Road, Chiswick, W.                                    |
| 1904 Dec. 6.      |   | GLENDAY, ROBERT .. .. .  | Government Offices, Bloemfontein.                                    |
| 1905 Apr. 4.      | { | GLENDINNING, PATRICK<br>BANNATYNE .. .. .  | 72A George Street, Edinburgh.  |
| ✠ 1896 Jan. 14.   | * | GLOVER, GEORGE TERTIUS .. ..   | { N.E. Ry., Carriage Dept., Heaton-on-Tyne.                          |
| 1891 Dec. 1.      | * | GLOVER, THOMAS .. .. .   | Clive Cott., Furness Rd., Eastbourne.                                |
| 1904 Dec. 6.      |   | GLYN, GUY GODFREY .. .. .  | 48 Eccleston Place, S.W.   |
| 1885 Feb. 3.      |   | GODAI, RIYOSAKU .. .. .  | { Yamagano Gold Mine, Yokogawa Mura, Aira Gun, Kagoshima Ken, Japan. |
| 1895 May 21.      | * | GODFREY, BERNARD .. .. .   | Bramley, Rotherham.  |
| in ✠ 1899 Dec. 5. | * | GODFREY, CHARLES HENRY .. ..   | Municipal Offices, Shanghai.   |
| 1897 Dec. 7.      | * | GODFREY, FREDERICK WILLIAM   | { District Eng., Rhodesia Rys., Gwelo, Rhodesia.                     |
| 1897 Mar. 2.      | { | *GODFREY, GEORGE COCHRANE,<br>B.A. ( <i>Cantab.</i> ) .. .. .                            | Bengal-Nagpur Railway, 17 Garden Reach Road, Calcutta.               |
| 1899 Dec. 5.      | { | GODFREY, JOHN BRETON,<br>B.E. ( <i>Calcutta</i> ) .. .. .                                | W. Watson & Co., Bombay.   |
| ✠ 1888 Apr. 10.   |   | GODFREY, ROBERT .. .. .  | Silver How, Alne, York.  |
| 1900 Apr. 3.      | * | GONSALVES, GEORGE .. .. .  | 62 London Wall, E.C.   |
| 1889 Mar. 5.      | * | GOOCH, HENRY JESSE .. .. .   | { Chelsea Waterworks, Commercial Road, Pimlico, S.W.                 |

| Date of Election. | ASSOCIATE MEMBERS.   |   |
|-------------------|--|---|
| 1899 Dec. 5.      | GOOD, HARRY .. .. .  | { Town Engineer, Boksburg, Transvaal.                         |
| 1886 Apr. 6.      | *GOODALL, THOMAS EDWARD ..                                   | { c.o. Mrs. Goodall, 57 Fitzroy Rd., Regent's Park, N.W.      |
| 1878 Feb. 5.      | { *GOODFELLOW, ARTHUR TRETHOWAN .. .. .                      | { 61 Granville Park, S.E.                                     |
| 1899 Dec. 5.      | *GOODMAN, GEORGE SMITH ..                                    | { 34 Broxash Road, West Side, Clapham Common, S.W.            |
| 1894 Feb. 6.      | *GOODMAN, JAMES .. .. .                                      | { Grand Junction Waterworks, Brentford, W.                    |
| 1894 Dec. 4.      | *GOODMAN, RICHARD .. ..                                      | { 51 Cambridge Road, Chiswick, W.                             |
| 1905 Apr. 4.      | GOODWIN, WILLIAM JOHN ..                                     | { City Surveyor's Office, Town Hall, Manchester.              |
| 1889 Apr. 2.      | GOODYEAR, HERBERT .. ..                                      | { Boro' Engineer, Colchester.                                 |
| 1890 Dec. 2.      | GORDON, CHARLES GRIMSTON ..                                  | { c.o. Royal Colonial Institute, Northumberland Avenue, W.C.  |
| 1904 Mar. 1.      | { *GORDON, GEORGE FRANCIS CARTER, M.A. ( <i>Cantab.</i> ) .. | { Kenmure House, Blundellsands, Liverpool.                    |
| 1888 Apr. 10.     | GORDON, HENRY ANDREW ..                                      | { Bank of New Zealand Buildings, Queen Street, Auckland, N.Z. |
| 1899 Feb. 7.      | { *GORDON, HENRY HERMAN, B.A. ( <i>Lond.</i> ) .. .. .       | { 2 Great Prescott Street, E.                                 |
| 1894 Dec. 4.      | GORDON, JOHN .. .. .   | { Burgh Surveyor's Office, Aberdeen.                          |
| 1906 Apr. 3.      | GORDON, SHOLTO HAMILTON ..                                   | { 59 Harrison St., Barrow-in-Furness.                         |
| 1897 Apr. 6.      | *GORE, WILLIAM .. .. .                                       | { 44 Inman Road, Harlesden, N.W.                              |
| 1887 May 3.       | GOSLETT, CHARLES ALFRED ..                                   | { 1733 Euterpe St., New Orleans, U.S.                         |
| 1906 Apr. 3.      | { *GOSTWYCK, GODFREY HAROLD GOSTWYCK .. .. .                 | { 21 Delahay Street, S.W.                                     |
| 1899 Apr. 11.     | { GOSTWYCK, HUMPHREY HARFORD GOSTWYCK .. ..                  | { Balhousie Avenue, Perth, N.B.                               |
| 1884 Dec. 2.      | *GOTTO, PERCY MURLY .. ..                                    | { 228 Dashwood House, New Broad Street, E.C. [N.W.]           |
| 1895 Jan. 8.      | GOTTO, PETER .. .. .   | { West Heath House, Hampstead,                                |
| 1904 Jan. 12.     | GOULD, HENRY .. .. .   | { 24 Church Street, Kingston, Jamaica.                        |
| 1892 Jan. 12.     | GOULDEN, THOMAS .. .. .                                      | { Chief Eng., Gas Light & Coke Co., Horseferry Road, S.W.     |
| ✠ 1891 Feb. 3.    | GOUMENT, CHARLES ERNEST VERE                                 | { Lahore, Punjab, India.                                      |
| 1902 Apr. 8.      | GOW, WILLIAM JAMES .. ..                                     | { Elderslie, Lowlands Rd., Harrow-on-the-Hill.                |
| 1884 May 27.      | GRAÇA, JOAO CORDEIRO DA ..                                   | { P.O. Box 566, Rio de Janeiro.                               |
| 1878 Feb. 5.      | GRAFTON, ALEXANDER .. ..                                     | { Vulcan Works, Bedford. (Grafton, Bedford.)                  |
| 1900 Feb. 6.      | { *GRAHAM, ALFRED HENRY IRVINE .. .. .                       | { Thermit Ltd., 27 Martin's Lane, Cannon Street, E.C.         |
| 1900 Dec. 4.      | *GRAHAM, DONALD CHARLES ..                                   | { Cotswold, Lansdowne Road, Wimbledon, S.W.                   |
| 1874 Apr. 14.     | GRAHAM, FRANCIS EDMOND ..                                    | { 23 Cork Street, W.  |
| 1893 Apr. 11.     | GRAHAM, MAURICE .. .. .                                      | { Leeds.  |
| 1906 Jan. 9.      | *GRANGER, JOHN MAXWELL ..                                    | { Engineer's Office, Cape Government Railways, Cape Town.     |
| 1877 May 1.       | GRANT, ALEXANDER .. ..                                       | { Maryhill, Inverness.  |
| 1857 Feb. 3.      | GRANT, CHARLES HENRY ..                                      | { Addlestone, Hobart, Tasmania.                               |
| 1904 Jan. 12.     | { GRANT, CHARLES JAMES, B.C.E. ( <i>Melbourne</i> ) .. ..    | { Mildura, Victoria.  |
| 1883 Dec. 4.      | GRANT, ROBERT CAMPBELL ..                                    | { Hale Edge, South Nutfield, Surrey.                          |
| 1898 Feb. 1.      | GRANT-BROWNING, JOHN ..                                      | { Metrop. Water Board, Eng.'s Dept., Savoy Court, W.C.        |
| 1905 Dec. 5.      | GRAVE, JOHN UTRICK ROGER                                     | { Cobden Villa, Croft House Lane, Marsh, Huddersfield.        |
| 1906 Apr. 3.      | *GRAVELY, WILLIAM CECIL ..                                   | { Harbour Commissioner's Office, Douglas, I.O.M.              |



Date of  
Election.

## ASSOCIATE MEMBERS.

|                |  |  |
|----------------|--|--|
| ✠ 1898 Dec. 6. | *GRAY, ANDREW .. .. .  | { Marconi Wireless Telegraph Co.,<br>18 Finch Lane, E.C.                             |
| 1888 May 15.   | GRAY, CHRISTIAN HAMILTON ..                                  | { Telegraph Works, Silvertown, E.<br>Land Registry, 34 Lincoln's Inn<br>Fields, W.C. |
| 1897 Apr. 6.   | GRAY, FRANK JAMES .. ..                                      | {  |
| 1896 May 5.    | { GRAY, GEORGE DAVID,<br>B.A.I. (Dubl.) .. .. }              | { Eng.'s Office, City Hall, Dublin.  |
| 1892 Jan. 12.  | *GRAY, HENRY HOLMES .. ..                                    | { Aldermaston, near Reading.   |
| 1906 Apr. 3.   | GRAY, JAMES .. .. .  | { Orchard House Works, Blackwall, E.   |
| 1897 Mar. 2.   | *GRAY, ROBERT BRUCE MCGREGOR                                 | { Gowthorpe, Selby.  |
| 1891 Apr. 7.   | GRAY, WILLIAM .. .. .  | { 44 Broad Street, Birmingham.   |
| 1888 May 15.   | GRAY, WILLIAM ERNEST ..                                      | { Telegraph Works, Silvertown, E.  |
| 1891 May 5.    | GRAY, WILLIAM WYTHERS ..                                     | { 4 Benet Street, Cambridge.   |
| 1906 Apr. 3.   | GREASLEY, FREDERICK JOHN                                     | { Borrowash, Derby.  |
| 1885 May 19.   | GREATHEAD, WALTER HORATIO                                    | { Box 4751, Johannesburg, Transvaal.   |
| 1898 Apr. 5.   | *GREEN, FREDERICK DAVIES ..                                  | { Oban, Vesper Road, Kirkstall, nr.<br>Leeds.  |
| 1887 Apr. 5.   | *GREEN, GEORGE .. .. .                                       | { Town Hall, Wolverhampton.  |
| 1891 Dec. 1.   | *GREEN, GEORGE WILLIAM ..                                    | { 12 Mortlake Road, Kew.   |
| 1879 Apr. 1.   | GREEN, HENRY .. .. .   | { Gas Company, Preston.  |
| 1889 Apr. 2.   | *GREEN, ROBERT .. .. .                                       | { 37 Waterloo Street, Birmingham.<br>(Pritchard, Birmingham. 4450.)                  |
| 1895 May 21.   | *GREENE, LOUIS .. .. .                                       | { East Indian Ry., Calcutta.   |
| 1885 Mar. 3.   | GREENHILL, FREDERICK MORRIS                                  | { 1 Church Road, Penarth, Cardiff.   |
| 1865 May 2.    | GREENHILL, THOMAS ARTHUR                                     | { 12 Edward Road, Bromley, Kent.   |
| 1897 Feb. 2.   | *GREENHOUGH, FREDERICK HARRY                                 | { New Breakwaters, Grand Harbour,<br>Malta.  |
| 1884 Apr. 1.   | GREENLEES, ARCHIBALD .. ..                                   | { The Elms, Park Lane, Tottenham, N.   |
| 1893 Dec. 5.   | GREENSHIELDS, NORMAN .. ..                                   | { Borough Surveyor, Bedford.   |
| 1899 Dec. 5.   | { GREENSHIELDS, ROBERT PAD-<br>MORE .. .. . }                | { Hydraulic Power Co., 99 Queen St.,<br>Melbourne, Victoria.                         |
| 1891 Dec. 1.   | GREENWELL, ALLAN .. .. .                                     | { 30 Furnival Street, Holborn, E.C.  |
| 1893 Dec. 5.   | GREENWOOD, CLAUDE .. ..                                      | { B. Greenwood, Ossett, Yorks.   |
| 1902 Dec. 2.   | GREENWOOD, JOSEPH PARKER                                     | { Borough Surveyor's Office, Burnley.  |
| 1876 Apr. 4.   | GREGORY, CHARLES CURRIE ..                                   | { Antigonish, Nova Scotia.   |
| 1899 Dec. 5.   | GREGORY, GEORGE MESROPE ..                                   | { 1 Lansdowne Road, Calcutta.  |
| 1889 Feb. 5.   | *GREGSON, HERBERT BOYS ..                                    | { Doornstraat 8, Scheveningen, Hol-<br>land.   |
| 1890 May 6.    | GREGSON, JOHN .. .. .  | { Westwood, Padiham, Lanes.  |
| ✠ 1875 Apr. 6. | GREIG, ANDREW .. .. .  | { 3 Duntruno Terrace, Broughty<br>Ferry, N.B.  |
| 1903 Jan. 13.  | { *GREIG, BENJAMIN WILLIAM<br>PATON .. .. . }                | { c.o. Lowdon National Bank, El Paso,<br>Texas, U.S.                                 |
| 1902 Apr. 8.   | GREIG, JAMES RENNIE .. ..                                    | { 117 Bedford Court Mansions, W.C.   |
| 1904 Apr. 12.  | GREIG, JOHN MARTIN MACFIE                                    | { W. Kennedy, Ltd., 6 Warwick Ter-<br>race, Carlisle.                                |
| 1898 Apr. 5.   | GREY, WILLIAM CHARLES ..                                     | { Ry. Construction Branch, P.W.D.,<br>Sydney, N.S.W.                                 |
| 1880 Apr. 6.   | *GRIERSON, CHARLES JAMES ..                                  | { 4 St. Mary's Villas, Warwick Road,<br>Ealing, W.                                   |
| 1904 Jan. 12.  | { GRIEVE, JAMES HENRY,<br>B.Sc. (Glas.) .. .. }              | { c.o. Irrigation Service, Khartum,<br>Sudan.  |
| 1893 Dec. 5.   | GRIFFIN, ALBERT EDWIN ..                                     | { Butterfield and Swire, Hong Kong.  |
| 1881 Dec. 6.   | GRIFFIN, BEVERLEY .. ..                                      | { Priors Lodge, Sydenham Road,<br>Guildford.   |
| 1901 Jan. 8.   | { *GRIFFITH, CHARLES LECPOLD<br>TROYTE .. .. . }             | { Engineer, Municipal Offices, Madras.   |
| 1902 Apr. 8.   | { *GRIFFITH, JOHN WILLIAM,<br>M.A., B.A.I. (Dubl.) .. .. }   | { Engineer's Office, Port and Docks<br>Board, East Wall, Dublin.                     |
| 1905 Jan. 10.  | { GRIFFITH, JULIUS HENRY ED-<br>WARD, B.A.I. (Dubl.) .. .. } | { Town Hall, Lisburn, co. Antrim.  |
| 1894 Dec. 4.   | GRIFFITHS, HARRY DENIS ..                                    | { Box 2146, Johannesburg, Transvaal.   |

| Date of Election. | ASSOCIATE MEMBERS.  |   |
|-------------------|---|---|
| W C ✚             | 1874 Jan. 13. { *GRIFFITHS, JOHN ALFRED, }<br>B.Sc. ( <i>Victoria</i> ) .. .. . | Patent Office, Melbourne.   |
|                   | 1887 Apr. 5. GRIFFITHS, WALTER GEORGE   | Rhymney Ry., Cardiff.   |
|                   | 1878 May 28. GRIFFITHS, WILLIAM .. ..   | 61 Sinclair Road, Kensington, W.                                      |
|                   | 1886 Dec. 7. *GRIMLEY, SAMUEL SLATER ..   | District Council, Hendon, N.W.  |
|                   | 1897 Apr. 6. *GRIMSHAW, FREDERICK HENRY {                                       | Urban District Council, Atherton, Manchester.                         |
|                   | 1879 Mar. 4. { GRIMSHAW, JAMES ROBERT, }<br>B.A.I. ( <i>Dubl.</i> ) .. .. .     | London County Council, Spring Gardens, S.W.                           |
|                   | 1902 Dec. 2. *GRIMSTON, FRANCIS SYLVESTER                                       | 71 High Street, Waltham Cross, Herts.                                 |
|                   | 1886 Dec. 7. *GRITTON, CHARLES EDWARD ..  | { Dock House, Billiter Street, E.C. (Gramercy, London.)               |
|                   | 1879 Apr. 1. *GROSE, ARTHUR .. .. .   | { Misterton, East Park Parade, Northampton.                           |
|                   | 1850 Dec. 3. GROVE, EDMUND .. .. .  | Norlington, Preston, Brighton.  |
|                   | 1899 Apr. 11. *GROVE, EDWARD LONG .. ..   | Kuching, Sarawak, Borneo.   |
|                   | 1895 Apr. 2. *GROVER, FREDERICK .. ..   | { Forgrove Machinery Co., Admiral Street, Dewsbury Road, Leeds.       |
|                   | 1877 May 29. GROVES, LEONARD .. .. .  | Carisbrooke, near Newport, I.W.                                       |
|                   | 1889 Jan. 8. GROVES, LEVY JOHN .. ..  | Criban Canal, Ardrishaig, N.B.  |
|                   | 1888 Feb. 7. GRUNWELL, HARTLEY .. ..  | { Isles Crane Works, Stanningley, Leeds.(c/o Isles, Stanningley. 45.) |
|                   | 1896 Dec. 1. GUADAGNI, BERNARDO .. ..   | 51 Via Faenza, Florence, Italy.                                       |
|                   | 1894 Feb. 6. *GUEST, RICHARD .. .. .  | { North British Loco. Co., Atlas Works, Springburn, Glasgow.          |
|                   | 1878 Feb. 5. { *GUILLEMARD, ARTHUR FRANKLIN, }<br>B.A. ( <i>Oxon.</i> ) .. .. . | Arica Ry., Taena, Chile.  |
|                   | 1884 Jan. 8. *GUINNESS, ARTHUR PERCY ..   | 5 The Drive, Loughton, Essex.   |
|                   | 1894 Dec. 4. GUINNESS, HENRY SEYMOUR ..   | Evesham, Blackrock, co. Dublin.                                       |
|                   | 1896 Dec. 1. *GULLAN, HECTOR FREEMAN ..   | { Supt. of Works, Town Hall Street, Belfast.                          |
|                   | 1882 Apr. 4. GUMBLEY, WILLIAM .. ..   | Box 1001, Johannesburg, Transvaal.                                    |
|                   | 1905 Apr. 4. *GUNSON, ERNEST .. .. .  | Grindlay & Co., Calcutta.   |
|                   | 1889 Dec. 3. GUNYON, CHARLES JAMES ..   | 30 Clarence Road, Wood Green, N.                                      |
|                   | 1891 Dec. 1. *GUYATT, THOMAS ALEXANDER  | Gasworks, Ely.  |
|                   | 1902 Apr. 8. GUYATT, WILLIAM JAMES ..   | { Patent Shaft and Axletree Co., Ltd., Old Park Works, Wednesbury.    |
|                   |   |   |
|                   | 1906 Feb. 6. *HADDIN, JOHN .. .. .  | { 4 Millbrae Crescent, Langside, Glasgow.                             |
|                   | 1885 Dec. 1. HADFIELD, FREDERICK JOSEPH   | Manor House, Ringsfield, Beccles.                                     |
|                   | 1901 Apr. 2. *HADOW, FREDERICK AUSTEN ..  | King, King & Co., Bombay.   |
|                   | 1905 Mar. 7. *HADOW, RAYMOND PATRICK ..   | Malakwal, Punjab, India.  |
|                   | 1905 Dec. 5. HAGGIE, ROBERT HOOD, JUNR.   | { Scott & Mountain, Ltd., Norfolk House, Laurence Pountney Hill, E.C. |
|                   | 1892 Dec. 6. HAHN, DANIEL MEINERTS ..   | Port of Spain, Trinidad.  |
|                   | 1885 Dec. 1. HAIGH, JONATHAN .. .. .  | Town Hall, Abergavenny.   |
| t ✚               | 1902 Apr. 8. HAIGH, WILLIAM HENRY ..  | City Engineer's Dept., Cardiff.                                       |
|                   | 1879 May 27. HAINES, JOSEPH RICHARD ..  | { Adderley Green Colliery, Stoke-on-Trent.                            |
|                   | 1895 Mar. 5. HALDEN, GEORGE MASON ..  | { S. Pearson & Son, 47 Clarendon Road, Lewisham, S.E.                 |
|                   | 1889 Mar. 5. HALL, ALBERT FRANCIS ..  | { The G. F. Blake Mfg. Co., Third St., East Cambridge, Mass., U.S.    |
|                   | 1904 Dec. 6. { HALL, ARTHUR HENRY, }<br>B.A. ( <i>Cantab.</i> ) .. .. .         | { Mech. Eng.'s Office, Royal Arsenal, Woolwich.                       |

| Date of Election. |   | ASSOCIATE MEMBERS.  |  |  |  |
|-------------------|---|---|--|--|--|
| 1890 Apr. 1.      | HALL, CARL .. .. .  | Durban Club, Durban, Natal.                                   |  |  |  |
| 1892 Dec. 6.      | HALL, HARRY .. .. .   | { 113 Fawnbrake Avenue, Herne Hill, S.E.                      |  |  |  |
| 1899 Apr. 11.     | HALL, JOHN WILLIM .. ..   | Athenaeum Chambers, Birmingham.                               |  |  |  |
| 1894 Dec. 4.      | *HALL, LEONARD GEORGE ..  | Gas and Waterworks, Rhyl.                                     |  |  |  |
| 1906 Apr. 3.      | HALL, ROLAND CHARLES ..   | 93 Parchmore Rd., Thornton Heath.                             |  |  |  |
| 1890 Feb. 4.      | HALL, THOMAS BERNARD ..   | { King's Court, Colmore Row, Birmingham (Tamar, Birmingham.)  |  |  |  |
| 1891 Jan. 13.     | HALL, WATKIN .. .. .  | Local Board, Gt. Crosby, Liverpool.                           |  |  |  |
| m 1900 Dec. 4.    | *HALL, WILFRED, M.A. ( <i>Cantab.</i> )                           | Dilston Hall, Corbridge-on-Tyne.                              |  |  |  |
| 1897 Dec. 7.      | HALL, WILLIAM .. .. .   | { Grindlay & Co., 54 Parliament Street, S.W.                  |  |  |  |
| 1885 Dec. 1.      | HALLER, JAMES CRACROFT ..   | Corporation Chambers, Dewsbury.                               |  |  |  |
| 1905 Jan. 10.     | { HALLIDY, ROBERT JAMES, B.A.,<br>B.E. ( <i>Royal</i> ) .. .. . } | Railways Branch, P.W.D., Bombay, India.                       |  |  |  |
| 1869 Apr. 6.      | HAMBLETON, FRANCIS HENRY  | Hambleton & Co., Baltimore, U.S.                              |  |  |  |
| 1897 Apr. 6.      | HAMBY, GEORGE HENRY ..  | Town Hall, Lowestoft.   |  |  |  |
| 1882 Feb. 7.      | *HAMILTON, EDWARD .. ..   | Rigwood, Saltburn-by-the-Sea.                                 |  |  |  |
| t ✕ 1900 Jan. 9.  | { HAMILTON, PATRICK,<br>B.Sc. ( <i>Glas.</i> ) .. .. . }          | Kelvin & James White, Ltd., 66 Victoria Street, S.W.          |  |  |  |
| 1891 Feb. 3.      | *HAMMOND, PHILIP .. .. .  | United Railways, Havana, Cuba.                                |  |  |  |
| 1902 Feb. 4.      | *HAMMOND, ROBERT WHITEHEAD  | 64 Victoria Street, S.W.                                      |  |  |  |
| 1882 May 23.      | *HAMP, HENRY JOSEPH .. ..   | Surveyor, Swindon.  |  |  |  |
| 1901 Dec. 3.      | *HANBURY, HERBERT WOOD ..   |   |  |  |  |
| 1900 Mar. 6.      | { *HANCKEL, ALFRED WOODS,<br>M.Sc. ( <i>Victoria</i> ) .. .. . }  | King, King & Co., Bombay.                                     |  |  |  |
| 1891 Dec. 1.      | *HANCKEL, ROBERT STUART ..  | Casilla 377, San José, Costa Rica.                            |  |  |  |
| 1883 Dec. 5.      | HANCOCK, HARRY .. .. .  | Box 192, Klerksdorp, Transvaal.                               |  |  |  |
| 1895 Dec. 3.      | HANCOCK, HENRY LIPSON ..  | Moonta Mines, South Australia.                                |  |  |  |
| 1889 May 7.       | HANCOCK, WILLIAM JOHN ..  | P.W.D., Perth, W.A.   |  |  |  |
| 1894 Apr. 3.      | *HANDCOCK, HENRY WILLIAM  | 5 Albion Road, Sutton, Surrey.                                |  |  |  |
| 1876 Feb. 1.      | HANDLEY, HENRY JOHN .. ..   |   |  |  |  |
| 1899 Jan. 10.     | { *HANNA, ROBERT FARRAN,<br>B.A.I. ( <i>Dubl.</i> ) .. .. . }     | Madras Ry. Co., Madras. [Tyne.                                |  |  |  |
| 1893 Feb. 7.      | HANNING, THOMAS .. .. .   | 2 Collingwood St., Newcastle-on-                              |  |  |  |
| 1881 Jan. 11.     | HANSON, JOHN HENRY .. ..  | 20 Ramsden Street, Huddersfield.                              |  |  |  |
| 1900 Dec. 4.      | { HANSEN, CARL THOMAS<br>ALFRED .. .. . }                         | 319 Lordship Lane, East Dulwich, S.E.                         |  |  |  |
| 1904 Jan. 12.     | *HARDCASTLE, HENRY ARTHUR   | Waterworks, Newcastle-on-Tyne.                                |  |  |  |
| 1893 Dec. 5.      | HARDIE, WILLIAM .. .. .   | Gasworks, North Shields.                                      |  |  |  |
| 1904 Jan. 12.     | { HARDING, WALLACE ALAN<br>DOUGLAS .. .. . }                      | S. Pearson & Son, Admiralty Harbour, Dover.                   |  |  |  |
| m 1874 Mar. 3.    | { *HARDINGHAM, GEORGE GATTON<br>MELHUISH .. .. . }                | Clun House, Surrey Street, Strand, W.C. (Hardingham, London.) |  |  |  |
| 1894 Mar. 6.      | *HARDMAN, ERNEST WILLIAM  | 1 Onslow Gardens, Highgate, N.                                |  |  |  |
| 1890 Dec. 2.      | { *HARDWICK, FRANCIS WILLIAM,<br>M.A. ( <i>Oxon.</i> ) .. .. . }  | University College, Sheffield.                                |  |  |  |
| 1890 Dec. 2.      | *HARDY, CHARLES CHETWODE ..                                       | 2 First Avenue, St. Anne's Pk., Bristol.                      |  |  |  |
| 1905 Apr. 4.      | HARDY, JOHN STANLEY .. ..   | { Royal Laboratory Department, Woolwich Arsenal, S.E.         |  |  |  |
| 1902 Mar. 4.      | *HARFELD, OSCAR .. .. .   | Troitskaja 38, St. Petersburg.                                |  |  |  |
| 1884 Mar. 4.      | HARGREAVES, CHARLES FLEMING                                       | Caixa 531, Rio de Janeiro.                                    |  |  |  |
| 1880 Dec. 7.      | HARGROVE, JOHN EDWARD ..  | { 1 Colville Mansions, Kensington Park, W.                    |  |  |  |
| 1903 Apr. 7.      | HARKER, BERNARD BROTHERTON  | 11 Queen's Road Central, Hong Kong.                           |  |  |  |
| 1895 Feb. 5.      | HARKER, WILLIAM .. .. .   | Cannon Street House, E.C.                                     |  |  |  |
| 1898 Dec. 6.      | HARLEY, ALFRED FRANCIS ..   | Mandarin, Florida, U.S.                                       |  |  |  |
| 1888 Jan. 10.     | HARLEY, ARTHUR .. .. .  | { c.o. Rosslyn, Westbourne Road, Forest Hill, S.E.            |  |  |  |
| 1904 Apr. 12.     | HARLEY-MASON, JOHN HARLEY   | 34 Dulwich Road, Herne Hill, S.E.                             |  |  |  |
| 1897 Mar. 2.      | HARLOCK, HAROLD .. .. .   | Lamorna, Cleveland Road, Ealing, W.                           |  |  |  |



| Date of Election. | ASSOCIATE MEMBERS.                                       |   |
|-------------------|--|---|
| 1906 Apr. 3.      | { HARLOW, WILLIAM WYATT<br>RIDGWAY .. .. . }             | 42 Thornton Road, Stanwix, Carlisle.                                      |
| 1890 Jan. 14.     | *HARNETT, ARTHUR .. .. .                                 | Thames Conservancy, Embankment,   |
| 1891 Feb. 3.      | HARPER, HERBERT WILLIAM ..                               | 13 St. Helen's Place, E.C. [E.C.  |
| 1904 Jan. 12.     | HARPER, JAMES LINDSAY ..                                 | N.E. Ry., Monte Caseros, Argentina.                                       |
| 1893 Dec. 5.      | HARPER, LOUIS .. .. .                                    | 115 Union Street, Aberdeen.   |
| 1897 Apr. 6.      | HARRAP, GEORGE THOMAS ..                                 | 5 Budge Row, Cannon St., E.C.   |
| 1896 Dec. 1.      | HARRIS, GORDON WILLIAM ..                                | { Merryweather & Sons, Greenwich<br>Road, S.E.                            |
| 1883 Feb. 6.      | HARRIS, RICHARD .. .. .                                  | 3 Vinery Villas, Regent's Park, N.W.                                      |
| 1889 Dec. 3.      | HARRIS, SAMUEL CHARLES ..                                | 54 Cannon Street, E.C.  |
| 1879 Mar. 4.      | *HARRISON, EDMUND PONTIFEX                               | { Box 116, Jeppestown, Johannesburg,<br>Transvaal.                        |
| 1889 Dec. 3.      | HARRISON, EDWARD HENRY ..                                | { 44 Thurleigh Road, Wandsworth<br>Common, S.W.                           |
| 1905 Apr. 11.     | *HARRISON, ERNEST YOUNG ..                               | { Eng. and Surveyor, Council Offices,<br>Wellingborough.                  |
| 1904 Apr. 12.     | { HARRISON, FRANCIS ERNEST<br>HENRY, B.A. (Cantab.) .. } | { 12a Wentworth Place, Newcastle-<br>on-Tyne.                             |
| 1905 Dec. 5.      | { HARRISON, GEORGE,<br>B.A. (Cantab.) .. .. . }          | Ordnance Factory, Woolwich, S.E.  |
| 1884 Feb. 5.      | HARRISON, GEORGE HOWARD ..                               | Thornton, near Ryde, I.W.   |
| 1900 Jan. 9.      | { *HARRISON, HERBERT EDWARD<br>HYDE .. .. . }            | Liverpool Waterworks, Llanforda,<br>Oswestry.                             |
| 1885 Apr. 14.     | { HARRISON, HUGH ERAT,<br>B.Sc. (Lond.) .. .. . }        | 28 Sussex Place, Regent's Park, N.W.                                      |
| t ✕ 1887 Dec. 6.  | HARRISON, JOSEPH .. .. .                                 | { Royal College of Science, Kensing-<br>ton, S.W.                         |
| 1892 Apr. 5.      | { *HARRISON, OCTAVIAN JOHN<br>ALFRED .. .. . }           | 15 Hencroft Street, Slough.   |
| 1887 May 24.      | HARRISON, WILLIAM JOSEPH ..                              | { 7 Carteret Street, Westminster, S.W.<br>(Rubrica, London.)              |
| 1879 May 27.      | HARRISON, THOMAS HARNETT                                 | { Central Buildings, North John<br>Street, Liverpool.                     |
| 1891 Feb. 3.      | HARSTON, WILLIAM .. .. .                                 | Town Surveyor, High St., Dartford.  |
| 1869 Feb. 2.      | HART, CHARLES .. .. .                                    | 3 Avenue Road, Leamington.  |
| 1877 Feb. 6.      | HART, JAMES .. .. .                                      | { Summerfield, Christopher P.O.,<br>King Co., Washington, U.S.            |
| 1899 Apr. 11.     | { *HART, JOHN RUSSELL,<br>B.A. (Cantab.) .. .. . }       | 43 Fitzgeorge Avenue, W. Kensing-<br>ton, W.                              |
| 1894 Dec. 4.      | *HART, PATRICK CAMPBELL ..                               | { 134 St. Vincent Street, Glasgow.<br>(Guarantee, Glasgow. Argyle 01850.) |
| 1892 Dec. 6.      | *HART, THOMAS .. .. .                                    | Tharsis Mines, Huelva, Spain.   |
| 1893 Jan. 10.     | HARTLEY, JOHN .. .. .                                    | 11 Monks Hall Grove, Eccles.  |
| 1906 Apr. 3.      | *HARTLEY, SIDNEY, B.Sc. (Glas.)                          | { Beechcroft, Ollerton, Knutsford,<br>Cheshire.                           |
| 1904 Dec. 6.      | { HARTLEY, RICHARD FREDERICK,<br>B.Sc. (Glas.) .. .. . } | 61 Maryon Road, Old Charlton, S.E.  |
| 1886 Mar. 2.      | *HARTLEY, RICHARD JAMES ..                               | { Waterworks Engineer, Gibbet Hill,<br>Halifax.                           |
| 1867 Apr. 2.      | HARTREE, WILLIAM .. .. .                                 | Havering, Tunbridge Wells.  |
| 1904 Jan. 12.     | { HARTY, GEORGE SPENCER,<br>B.A., B.A.I. (Dubl.) .. .. } | Ranelagh, Merrion Road, Balls-<br>bridge, Dublin.                         |
| 1905 Feb. 7.      | { *HARVEY, EDWIN PERCY, B.A.<br>(Cantab.) .. .. . }      | Riverdale House, Richmond, Surrey.  |
| 1896 Feb. 4.      | HARVEY, FRANCIS JOSEPH ..                                | { Cook & Sons, 13 Esplanade Road,<br>Bombay.                              |
| 1904 Apr. 12.     | *HARVEY, FRANK STEWART ..                                | H.M. Dockyard, Devonport.   |
| 1905 Dec. 5.      | HARVEY, FREDERICK MILTON                                 | Council Offices, Great Yarmouth.  |
| 1899 Dec. 5.      | *HARVEY, HERBRAND .. .. .                                | University Club, St. Louis, Mo., U.S.                                     |
| 1890 May 6.       | HARVEY, JOHN BROWN .. ..                                 | { Transcontinental Ry., Ottawa,<br>Canada.                                |

| Date of Election. |               | ASSOCIATE MEMBERS.                     |   |
|-------------------|---------------|--|---|
| t ✕               | 1880 Dec. 7.  | HARVEY, Sir ROBERT .. ..               | 1 Palace Gate, W.                                       |
|                   | 1892 Dec. 6.  | HARVEY, ROBERT FALKLAND .. ..          | 17 Water Street, Liverpool.                             |
| S t ✕             | 1873 Apr. 1.  | HARVEY, THOMAS FLETCHER .. ..          | Merthyr Tydfil.   |
|                   | 1892 Feb. 2.  | *HARVEY, THOMAS FRANCIS .. ..          | Purland Chase, Ross, Herefordshire.                     |
|                   | 1904 Apr. 12. | HARVIE, THOMAS WHITE .. ..             | { Rossville, Holmhead Road, Cathcart, Glasgow.          |
| ✕                 | 1885 Feb. 3.  | HASEGAWA, KINSKE .. ..                 | { Imperial Taiwan Rys., Taipeh, Formosa, Japan.         |
|                   | 1898 Feb. 1.  | HASELDEN, ARTHUR .. ..                 | Linares, Jaen, Spain.                                   |
|                   | 1900 Feb. 6.  | *HASSARD, ARTHUR, B.A.I. (Dubl.) .. .. | { Congested Districts Board, 23 Rutland Square, Dublin. |
|                   | 1890 May 6.   | HASSARD, CHARLES .. ..                 | { c/o W. D. Wheelwright, P.O., Sydenham, Durban, Natal. |
|                   | 1896 Dec. 1.  | *HASSELL, WILLIAM FRANCIS .. ..        | { Wwlwy, All Saints Road, Clifton, Bristol.             |
|                   | 1900 Dec. 4.  | HASTINGS, HAROLD .. ..                 | 2 Crescent Road, Beckenham.                             |
|                   | 1897 Mar. 2.  | *HATT, JOHN JOSEPH .. ..               | 410 London Road South, Lowestoft.                       |
|                   | 1902 Jan. 14. | { HAULTAIN, HERBERT EDWARD .. ..       | Box 702, Nelson, British Columbia.                      |
|                   |               | { TERRICK .. ..                        |   |
|                   | 1891 May 5.   | { HAWES, FREDERICK BENJAMIN .. ..      | 12 Park Mansions, Vauxhall Park, S.W.                   |
|                   |               | { OLIPHANT .. ..                       |   |
|                   | 1904 Apr. 19. | HAWES, ROBERT DONALDSON .. ..          | { L. & S. W. Ry., Engineers' Office, Waterloo, S.E.     |
|                   | 1894 Dec. 4.  | HAWKINS, ISAAC THOMAS .. ..            | { R. Col. Inst., Northumberland Avenue, W.C.            |
|                   | 1897 Apr. 6.  | *HAWKINS, PERCY .. ..                  | Vellore, North Arcot, Madras.                           |
|                   | 1893 May 2.   | HAWKINS, RUPERT SKELTON .. ..          | { Assam-Bengal Ry., Chittagong, Bengal.                 |
|                   | 1892 Feb. 2.  | *HAWKINS, SYDNEY SANDERSON .. ..       | Assam Ry., Dibrugarh, Assam.                            |
|                   | 1893 Dec. 5.  | *HAWKINS, T. HAROLD .. ..              | 3 Rua da Bandeirinha, Oporto.                           |
|                   | 1900 Apr. 3.  | *HAWKINS, TOM SHIRLEY .. ..            | { Admiralty, Avenue House, Northumberland Avenue, W.C.  |
|                   | 1895 May 21.  | HAWKSLEY, JOSEPH .. ..                 | Waterworks, Great Yarmouth.                             |
|                   | 1906 Feb. 6.  | { *HAWTHORNE, WILLIAM, .. ..           | { C. H. Merz, Collingwood Bldgs., Newcastle-on-Tyne.    |
|                   |               | { B.E. (Royal) .. ..                   |   |
|                   | 1891 May 5.   | HAWTREY, ALBERT NICHOLLS .. ..         | 12 Ella Road, Crouch Hill, N.                           |
|                   | 1897 Apr. 6.  | HAY, JOHN ANGUS .. ..                  | Dick, Kerr & Co., Abchurch Yard, E.C.                   |
|                   | 1904 Jan. 12. | { HAYES, GEORGE PATRICK, .. ..         | H.M. Naval Dépôt, Portland. [bury.                      |
|                   |               | { B.A., B.E. (Royal) .. ..             |   |
|                   | 1879 Dec. 2.  | HAYES, HERBERT EDWARD HORACE .. ..     | Fochabers, London Road, Canterbury.                     |
|                   | 1876 Dec. 5.  | HAYES, JOHN .. ..                      | 11 Church Street, Carnarvon.                            |
|                   | 1897 Jan. 12. | HAYES, ROBERT THOMAS .. ..             | 16 Birkbeck Grove, Acton, W.                            |
|                   | 1904 Dec. 6.  | HAYNES, HENRY THOMAS .. ..             | City Engr.'s Office, Perth, W.A.                        |
|                   | 1902 Dec. 2.  | { HAYWARD, THOMAS WILLIAM .. ..        | Boro' Surveyor, Town Hall, Battersea, S.W.              |
|                   |               | { ALFRED .. ..                         |   |
|                   | 1900 Dec. 4.  | { *HEAD, BENJAMIN WRIGHTSON, .. ..     | 47 Victoria Street, S.W. (Westminster 237.)             |
|                   |               | { B.A. (Cantab.) .. ..                 |   |
|                   | 1894 Feb. 6.  | *HEAD, D'ESTERRE PRITIE .. ..          | Govt. Rys., Maritzburg, Natal.                          |
|                   | 1898 Apr. 5.  | *HEAD, HENRY COLEMAN .. ..             | { Water & Gas Co., 19 Staple Garden, Winchester.        |
|                   | 1895 Dec. 3.  | HEAP, HERBERT .. ..                    | 16 Manor Avenue, Grimsby.                               |
|                   | 1882 Dec. 5.  | HEAPHY, FRANCIS BRADSTREET .. ..       | { Ermington Villa, Fawnbrake Avenue, Herne Hill, S.E.   |
|                   | 1883 Feb. 6.  | HEAPHY, THOMAS MUSGRAVE .. ..          | 19 Lombard Street, E.C.                                 |
|                   | 1873 May 20.  | *HEATH, ARTHUR HENRY .. ..             | { 26 Brookfield, West Hill, Highgate, N.                |
|                   | 1898 Dec. 6.  | HEATH, ASHTON MARLER .. ..             | { Crown Agents' Office, Whitehall Gardens, S.W.         |
|                   | 1893 Feb. 7.  | HEATH, REGINALD HEPBURN .. ..          | The Rylands, Norwood, S.E.                              |
|                   | 1893 May 16.  | *HEATHCOTE, CHARLES FRANCIS .. ..      | { Tasmania Gold Mine, Beaconsfield, Tasmania.           |

| Date of Election. |     | ASSOCIATE MEMBERS.   |   |
|-------------------|-----|--|---|
| 1893 Dec.         | 5.  | { *HEATHCOTT, JOHN<br>M.Sc. ( <i>Victoria</i> ) .. .. }            | Engineer's Office, London County Council, Spring Gardens, S.W.    |
| 1905 Feb.         | 7.  | { *HEATHER, AUBREY GEORGE<br>FORSTER .. .. }                       | Eureka, Transvaal.  |
| 1890 May          | 6.  | HEATLY, HARRY .. ..  | The Hoo, Hitchin, Herts.  |
| 1895 Apr.         | 2.  | *HEATON, FREDERICK GEORGE ..                                       | King Street, Wigan.   |
| 1884 Jan.         | 8.  | HEATON, GEORGE .. ..   | King Street, Wigan.   |
| 1893 Jan.         | 10. | { *HEATON-ELLIS, SYDNEY THOMAS<br>EDWARD .. .. }                   | 65 Duke's Avenue, Muswell Hill, N.                                |
| 1889 Dec.         | 3.  | *HEBB, SIDNEY BEDFORD BEVES  | { Klein Engineering Co., 94 Market Street, Manchester.            |
| ✠ 1892 Dec.       | 6.  | { HEBBERT, ERNEST GEORGE,<br>B.A. ( <i>Cantab.</i> ) .. .. }       | The Cottage, Berrynarbor, Ilfracombe.                             |
| m 1886 Dec.       | 7.  | *HEBBLETHWAITE, FRANK HIRST  | { The Scofield Co., Pennsylvania Bldg., Philadelphia, Pa., U.S.A. |
| 1896 Dec.         | 1.  | *HEBERDEN, LOUIS EDWARD ..   | { Paarl - French - Hoek Ry., Paarl, Cape Colony.                  |
| 1900 Apr.         | 3.  | HECKFORD, HARLEY .. ..   | Council Offices, High St., Poplar, E.                             |
| 1896 Dec.         | 1.  | HECTOR, WILLIAM .. ..  | { Rodney Irrigation & Water Supply Trust, Tatura, Victoria.       |
| 1886 Mar.         | 2.  | { *HEDERSTEDT, WILLIAM ROBERT<br>PAUL .. .. }                      | 14 South Square, Gray's Inn, W.C.                                 |
| 1904 Jan.         | 12. | { HEDGELAND, EDMUND WOOD-<br>HOUSE, B.E. ( <i>Sydney</i> ) .. .. } | Royal Survey Dept., Bangkok, Siam.                                |
| 1876 Dec.         | 5.  | HEDGMAN, WILLIAM SOUTHWOOD   | 75 Upper Ground Street, S.E.                                      |
| 1905 Jan.         | 10. | *HEENAN, JOHN HAMMERSLEY-  | Harbour Department, Durban, Natal.                                |
| 1900 Dec.         | 4.  | { *HEFFORD, CHARLES NELSON,<br>M.Sc. ( <i>Victoria</i> ) .. .. }   | 29 Headingley Mount, Headingley, Leeds.                           |
| 1905 Apr.         | 4.  | HELPS, DOUGLAS HENRY ..  | Gas Works, Reading.   |
| 1896 May          | 19. | *HEMINGWAY, WILLIAM .. ..  | { 9 Ranelagh Avenue, Hurlingham, S.W.                             |
| 1904 Jan.         | 12. | HENDERSON, AIDAN NICHOLAS  | { Works Department, H.M. Dockyard, Portsmouth.                    |
| 1904 Apr.         | 12. | HENDERSON, ARCHIBALD ..  | Harbour Engineer's Office, Aberdeen.                              |
| 1893 Dec.         | 5.  | HENDERSON, ARTHUR JAMES ..   | Thames Ditton, Surrey.  |
| 1904 Dec.         | 6.  | HENDERSON, CHARLES JOSEPH  | 41 Scott Street, Garnethill, Glasgow.                             |
| 1890 Feb.         | 4.  | { *HENDERSON, HECTOR WILLIAM<br>BAILLIE .. .. }                    | Brisbane, Queensland.   |
| 1904 Jan.         | 12. | { HENDERSON, JOHN GORDON,<br>B.Sc. ( <i>Glas.</i> ) .. .. }        | The Institution of Civil Engineers, Great George Street, S.W.     |
| 1892 Mar.         | 1.  | HENDERSON, JOHN JAMES ..   | N.W. Ry., Sukkur, Sind, India.                                    |
| ✠ 1900 Dec.       | 4.  | HENDERSON, JOHN MACDONALD  | { King Street Engineering Works, Aberdeen. (Cranes, Aberdeen.)    |
| 1885 Jan.         | 13. | { *HENDERSON, STEPHEN,<br>M.A. ( <i>Aberd.</i> ) .. .. }           | 63 Pitt St., Sydney, N.S.W.                                       |
| 1904 Apr.         | 12. | HENEY, GEORGE PARR .. ..   | { H.M. Naval Station, Garden Island, Sydney, N.S.W.               |
| 1902 Dec.         | 2.  | *HENNELL, THOMAS BLACKBURN   | 18 Airlie Place, Dundee.  |
| 1893 Mar.         | 7.  | HENNINGER, DANIEL .. ..  | 11 General Camara, Rio de Janeiro.                                |
| 1896 Jan.         | 14. | { *HENRIQUES, EDGAR HENRY<br>QUIXANO .. .. }                       | 18 Cambridge Road, Southport.                                     |
| 1904 Dec.         | 6.  | { *HENRIQUES, EDWARD CECIL<br>QUIXANO .. .. }                      | 81 Balliol Road, Bootle, Liverpool.                               |
| 1903 Apr.         | 7.  | HENRY, WALTER .. ..  | P.W.D., Klang, F.M.S.   |
| 1892 Dec.         | 6.  | HENSON, JOSHUA BINNINGTON  | { Hunter District Board, Newcastle, N.S.W.                        |
| 1902 Jan.         | 14. | *HENTY, MAURICE WALTER ..  | { Topham, Jones & Railton, King's Dock, Swansea.                  |
| ✠ 1902 Dec.       | 2.  | HEPBURN, CHARLES GRAHAM ..   | 169 King Street, Sydney, N.S.W.                                   |
| 1905 Apr.         | 11. | *HEPWORTH, WILLIAM .. ..   | { L. & Y. Ry., 118 Manchester Road, Bolton.                       |
| 1883 Dec.         | 4.  | *HERBERT, ARTHUR WILLIAM ..  | Box 1121, Johannesburg.   |



Date of  
Election.

## ASSOCIATE MEMBERS.

|         |               |   |  |
|---------|---------------|---|--|
|         | 1891 Mar. 3.  | HERNU, ARTHUR HENRY ..  | 69 Victoria Street, S.W. [gow.                                     |
|         | 1891 Dec. 1.  | HERRIOT, WILLIAM SCOTT ..                                       | Ravenswood, Partick West, Glas-                                    |
|         | 1895 Mar. 5.  | HESKETH, JOHN .. ..   | Postal Telegraph Dept., Brisbane,<br>Queensland.                   |
|         | 1896 Feb. 4.  | *HESLOP, JOHN GEORGE .. ..                                      | Highways Surveyor's Office, Castle,<br>Eden, co. Durham.           |
|         | 1878 Feb. 5.  | *HESS, ALBERT JOSIAH .. ..                                      | 8 Finch Lane, E.C.   |
| t ✚     | 1896 Mar. 3.  | HETHERINGTON, JOSEPH .. ..                                      | Cumbria, Hayes, Middlesex.   |
|         | 1901 Apr. 2.  | { *HETHERINGTON, ROGER<br>GASKELL, M.A. ( <i>Cantab.</i> ) ..   | Caxton House, Westminster, S.W.                                    |
|         | 1874 Dec. 1.  | HEWAT, WILLIAM MARSHALL ..                                      | Ministry of Public Works, Cairo.                                   |
|         | 1898 Apr. 5.  | HEWETT, BERTRAM HENRY ..  | Grant House, The Fort, Bombay.                                     |
|         | 1900 Dec. 4.  | { *HEWETT, BERTRAM HENRY<br>MAJENDIE .. .. ..                   | P., N. Y. & L. I. RR. Co., 1 West<br>34th Street, New York, U.S.A. |
|         | 1895 Apr. 2.  | HEWITT, ALFRED HERBERT ..                                       | Green Island Cement Co., Hong<br>Kong.                             |
|         | 1876 Feb. 1.  | HEWITT, GEORGE COLTHURST ..                                     | Serridge House, Coalpit Heath,<br>Bristol.                         |
|         | 1889 May 21   | *HEWSON, GEORGE .. .. ..  | Boro' Engineer's Office, Fort<br>William, Ont., Canada.            |
|         | 1894 Dec. 4.  | *HEWSON, THOMAS, Jun. .. ..                                     | Park Cottage, Roundhay, Leeds.                                     |
|         | 1904 Jan. 12. | { HEWSON, WALTER, ..<br>B.Sc. (Engineering) ( <i>Lond.</i> ) .. | 41 Elm Grove Road, Barnes, S.W.                                    |
|         | 1903 Mar. 3.  | { *HEYWOOD, THOMAS EDWARD<br>HETT .. .. ..                      | 65 Cathedral Road, Cardiff.  |
|         | 1904 Apr. 12. | { HIBBERD, CHARLES FREDERICK<br>MAXWELL .. .. ..                | B.A. Pacific Ry., Calle 25 de Mayo<br>277, Buenos Aires.           |
| t ✚     | 1900 Feb. 6.  | HIBBINS, WILLIAM GEORGE ..                                      | 171 Spring Vale Road, Sheffield.                                   |
|         | 1890 Dec. 2.  | HICK, GEORGE WILLIAM .. ..                                      | 24 Chepstow Place, W.  |
|         | 1904 Jan. 12. | *HICKMAN, DEVERELL .. ..  | 20 Alleyn Park, West Dulwich, S.E.                                 |
|         | 1896 Dec. 1.  | *HICKSON, GEORGE FORSTER ..                                     | P.W.D., Perth, Western Australia.                                  |
|         | 1889 Dec. 3.  | { HIGGENS, THOMAS WAGHORN<br>ELFORD .. .. ..                    | 25 Finborough Road, Fulham Road,<br>S.W.                           |
|         | 1896 Dec. 1.  | HIGGINS, FRANCIS BOVILL ..                                      | Bacares Iron Ore Mines, Séron,<br>Almeria, Spain.                  |
|         | 1883 May 1.   | *HIGHT, ARTHUR EDWARD ..  | 51 Gordon Mansions, Gower Street,<br>W.C.                          |
|         | 1902 Apr. 8.  | *HILDAGE, HENRY THOMAS ..                                       | P., N. Y. & L. I. RR. Co., 1 West<br>34th Street, New York, U.S.A. |
|         | 1891 Mar. 3.  | *HILDRED, EDWARD THOMAS ..                                      | 1 High Street, Gosport.  |
|         | 1889 May 7.   | HILL, ALEXANDER .. .. ..  | Merrylee, Northwood, Middlesex.                                    |
|         | 1894 Dec. 4.  | *HILL, ALFRED .. .. ..  | George Law, Kidderminster. [E.                                     |
| W C m ✚ | 1888 May 15.  | *HILL, ALFRED JOHN .. ..  | North Dene, Higham Rd., Woodford,                                  |
|         | 1899 Apr. 11. | *HILL, CHARLES HAROLD ..  | Madras Ry., Perambur, Madras.                                      |
| t ✚     | 1893 May 2.   | HILL, CLAUDE WILLIAM ..   | Broad Street House, E.C. (Hillocking,<br>London. Central 3503.)    |
|         | 1901 Jan. 8.  | *HILL, DAVID GAY .. .. ..                                       | N.E. Ry., Engineers' Office, New-<br>castle-on-Tyne.               |
|         | 1873 Apr. 1.  | HILL, JAMES WOODWARD ..   | City Engineer's Office, Bloemfontein,<br>Orange River Colony.      |
|         | 1892 Dec. 6.  | *HILL, JOSEPH BALL .. ..  | Municipal Office, Calcutta.  |
|         | 1874 Apr. 14. | HILL, LESLIE CRASWELLER ..                                      | { Hastings Exploration Syndicate,<br>Nelson, British Columbia.     |
|         | 1887 May 3.   | HILL, WILLIAM .. .. ..  | Hill Crest, Dordon, Tamworth.                                      |
|         | 1880 May 25.  | HILL, WOODMAN .. .. ..  | 5 Victoria Street, S.W. [E.  |
|         | 1885 Feb. 3.  | HILLS, ARNOLD FRANK .. ..                                       | Thames Ironworks, Canning Town,                                    |
|         | 1895 Dec. 3.  | *HILLS, HARRY JAMES .. ..                                       | Town Hall, Bermondsey, S.E.  |
|         | 1905 Apr. 4.  | *HILTON, HAROLD CUNLIFFE ..                                     | Town Hall, Newcastle-on-Tyne.                                      |
| t ✚     | 1901 Feb. 5.  | { *HINCKS, HAROLD THORN-<br>THWAITE .. .. ..                    | Brantwood, Brook Lane, Chester.                                    |
|         | 1893 Feb. 7.  | *HINDE, WILLIAM HENN ..   | 2 Lower Merrion Street, Dublin.                                    |
|         | 1897 Jan. 12. | *HINDLE, ARTHUR .. .. ..  | { 44 Abingdon Street, Blackpool.<br>(159.)                         |

| Date of Election. |     | ASSOCIATE MEMBERS.  |   |
|-------------------|-----|---|---|
| 1900 Dec.         | 4.  | { *HINDLEY, CLEMENT DANIEL<br>MAGGS, M.A. ( <i>Cantab.</i> ) .. } | c.o. H. S. King & Co., Pall Mall, S.W.                              |
| 1903 Jan.         | 13. | { *HINDLEY, OLIVER WALTER,<br>B.A. ( <i>Cantab.</i> ) .. .. }     | King, King & Co., Bombay.   |
| 1902 Apr.         | 8.  | HINDMARSH, RALPH FREDERICK  | Tyne Pier Works, South Shields.                                     |
| ✠ 1895 Dec.       | 3.  | HINTON, REGINALD JAMES ..   | { St. John del Rey Mining Co., Morro<br>Velho, Brazil.              |
| 1904 Dec.         | 6.  | *HIPWOOD, JOHN WILLIAM ..   | { Boro' Engineer's Office, Municipal<br>Buildings, Southend-on-Sea. |
| 1896 Dec.         | 1.  | HIRST, RICHARD PILLING ..   | Boro' Engineer's Office, Southport.                                 |
| 1889 Jan.         | 8.  | HISCOCKS, ALFRED MOSER ..   | 16 Sutton Road, Southend-on-Sea.                                    |
| 1891 Dec.         | 1.  | *HOBBS, CHARLES JAMES ..  | Hydraulic Eng. Co., Chester.  |
| 1888 Dec.         | 4.  | *HOBBS, GEORGE .. ..  | Famagusta Harbour, Cyprus.  |
| 1894 Feb.         | 6.  | *HOBLEY, CHARLES WILLIAM ..                                       | Coton Road, Nuneaton.   |
| 1870 Dec.         | 6.  | HOBSON, JOHN FALSHAW ..   | Washington Ironworks, Durham.                                       |
| 1900 Dec.         | 4.  | HOBSON, WALTER DALBY ..   | Nantile, Penygroes, N. Wales.                                       |
| 1878 Jan.         | 15. | HODGE, JOHN LAKEMAN ..  | { 21 Sea View Terrace, Lipson,<br>Plymouth.                         |
| 1892 Apr.         | 5.  | HODGE, LEONARD PERCIVAL ..  | P.W.D., Georgetown, British Guiana.                                 |
| 1890 Apr.         | 1.  | *HODGKIN, PHILIP ELIOT ..   | Cornerways, Maitland Road, Read-                                    |
| 1889 Dec.         | 3.  | HODGKINSON, GEORGE ..   | Surveyor, St. Anne's, Lancs. [ing.                                  |
| 1888 Dec.         | 4.  | { HODGKINSON-CARRINGTON,<br>ALFRED JAMES .. .. }                  | 312 Dashwood House, New Broad<br>Street, E.C.                       |
| 1901 Apr.         | 2.  | HODGSON, EDWARD .. ..   | Town Hall, Sunderland.  |
| 1905 Apr.         | 4.  | { *HODGSON, HUBERT MERVYN<br>TYLSTON .. .. }                      | Harpenden, Herts.   |
| 1886 Dec.         | 7.  | *HODGSON, JOHN SLACK ..   | Wellington, Mass., U.S.A.   |
| 1906 Mar.         | 6.  | *HODGSON, JOSEPH POLLARD ..                                       | { H. Arnold & Son, Castle Carrock<br>Reservoir, nr. Carlisle.       |
| 1894 Mar.         | 6.  | *HOFFMANN, JOHN ISIDORE ..  | Rand Club, Johannesburg, Transvaal.                                 |
| 1904 Jan.         | 12. | *HOGARTH, WILLIAM HUGH ..   | G.I.P. Ry., Bombay.   |
| 1886 Feb.         | 2.  | *HOGG, ALEXANDER JABEZ ..   | { District Loco. Supt., S. Mahratta<br>Ry., Belgaum, India.         |
| 1892 Jan.         | 12. | *HOLDEN, ALFRED .. ..   | Woodleigh, Lostock Park, Bolton.                                    |
| 1898 Apr.         | 5.  | { HOLDEN, FRANCIS JOHN<br>GERALD, B.A. ( <i>Cantab.</i> ) .. }    | Electric Supply Co., Seamer Road,<br>Scarborough.                   |
| 1890 May          | 20. | HOLDEN, GEORGE HENRY ..   | { Hardman & Holden, Miles Platting,<br>Manchester.                  |
| 1891 Dec.         | 1.  | HOLDEN, JAMES .. ..   | Ash Cottage, Ely, Cardiff.  |
| 1906 Jan.         | 9.  | { HOLE, WILLIAM FRANCIS, B.E.<br>( <i>Sydney</i> ) .. .. }        | c/o G. Newby, Esq., Turffontein,<br>Johannesburg.                   |
| 1893 Dec.         | 5.  | HOLFORD, WILLIAM GEORGE ..  | Box 2927, Johannesburg, Transvaal.                                  |
| in ✠ 1888 Mar.    | 6.  | *HOLLIDAY, JOHN .. ..   | St. James's Gate Brewery, Dublin.                                   |
| 1904 Feb.         | 2.  | *HOLLIDAY, JOHN .. ..   | { Knottsall, Ealing Road, Wembley,<br>Middlesex.                    |
| 1897 Apr.         | 6.  | { *HOLLINGSWORTH, ARNOLD<br>HACKNEY .. .. }                       | P.W.D., Hong Kong.  |
| 1897 Feb.         | 2.  | { HOLLINGSWORTH, HORACE<br>CHARLES .. .. }                        | G.W. Ry., 150 Westbourne Terrace,<br>W.                             |
| 1900 Dec.         | 4.  | { *HOLLINGSWORTH, EDWARD<br>WILLIAM, M.A. ( <i>Cantab.</i> ) .. } | 16 Ulundi Road, Blackheath, S.E.                                    |
| 1892 May          | 3.  | HOLME, CLINTON JAMES WILSON                                       | 1 Crosshall Street. Liverpool.                                      |
| 1888 Dec.         | 4.  | HOLMES, EDWARD .. ..  | 327 Fulwood Road, Sheffield.  |
| 1892 Mar.         | 1.  | *HOLMES, GEORGE WILLIAM ..  | Town Hall, Walthamstow, E.  |
| 1899 Jan.         | 10. | *HOLMES, JOHN LLEWELLYN ..  | Port Trust, Rangoon, Burma.   |
| 1873 Dec.         | 2.  | { HOLMES À COURT, Hon. ARTHUR<br>WYNDHAM .. .. }                  | c.o. Truslove & Hanson, 143 Oxford<br>Street, W.                    |
| 1897 Apr.         | 6.  | { *HOLMES À COURT, Hon. HENRY<br>WORSLEY .. .. }                  | H. Lovatt, Contractor's Office,<br>Broadway, Salford.               |
| 1883 Feb.         | 6.  | { *HOLT, PERCY WILLIAM<br>MONCKTON .. .. }                        | 14 Burleigh Street, Auckland, N.Z.                                  |



Date of  
Election.

## ASSOCIATE MEMBERS.

|     |               |  |  |
|-----|---------------|--|--|
|     | 1883 May 29.  | HOLTUM, WILLIAM HENRY ..                                 | County Council, Spring Gardens, S.W.                       |
|     | 1890 May 20.  | HOLTZAPFEL, GEORGE WILLIAM                               | 13 New Bond Street, W.                                     |
|     | 1896 Dec. 1.  | *HOMAN, WILLIAM MACLEAN ..                               | Bethlehem, Orange River Colony.                            |
|     | 1906 Jan. 9.  | *HOMER, ERNEST ERIC FERRIS                               | Godlington, Swanage.                                       |
|     | 1891 Dec. 1.  | *HOMESHAM, EDWIN COLLETT                                 | {Randfontein Estates, Ltd., Randfontein, Transvaal.        |
|     | 1884 Jan. 8.  | HONEYSETT, ARTHUR .. ..                                  | 39 Victoria Street, S.W.                                   |
|     | 1900 Dec. 4.  | *HOOD, DAVID WILSON .. ..                                | Trinity House, Tower Hill, E.C.                            |
|     | 1884 Dec. 2.  | HOOLEY, COSMO CHARLES ..                                 | {Crofts Bank House, Davyhulme, Manchester.                 |
|     | 1891 Dec. 1.  | HOOPER, EDWARD .. ..                                     | Salisbury House, London Wall, E.C.                         |
|     | 1901 Apr. 2.  | *HOOPER, GEORGE ERNEST ..                                | Anuradhapura, Ceylon.                                      |
|     | 1899 Feb. 7.  | *HOOPER, PERCY NICHOLAS ..                               | {69 Poppleton Road, Leytonstone, N.E.                      |
|     | 1899 Apr. 11. | *HOPE, ALARIC .. ..                                      | Heath Heys, Woodchurch Rd., Bir-                           |
|     | 1877 Dec. 4.  | HOPKINSON, ALFRED .. ..                                  | 15 Agur Street, Bury. [Kenhead.                            |
|     | 1889 May 7.   | *HOPKINSON, FREDERICK THOMAS                             | Church Mount, Sutton, Hull.                                |
|     | 1891 Dec. 1.  | HOPWOOD, JOHN .. ..                                      | G. W. Ry., Mendoza, Argentina.                             |
|     | 1902 Dec. 2.  | *HORE, PERCY PHILIP .. ..                                | 219 Mitcham Lane, Streatham, S.W.                          |
|     | 1886 Apr. 6.  | *HORN, TOM ALEXANDER .. ..                               | 11 Gray St., Waterloo Rd., S.E.                            |
|     | 1874 Dec. 1.  | *HORN, WILLIAM EDWARD ..                                 | 5 Tierney Road, Streatham Hill, S.W.                       |
|     | 1906 Jan. 9.  | {HORNE, WILLIAM JAMES ADAM<br>EDWARD .. .. .}            | The South African College, Cape Town.                      |
|     | 1889 Dec. 3.  | HORNER, WALTER .. ..                                     | 2 Vancouver Road, Catford, S.E.                            |
|     | 1900 Jan. 9.  | {HORSBURGH, ELLICE MARTIN.<br>M.A., B.Sc. (Edin.) .. ..} | 11 Granville Terrace, Edinburgh.                           |
|     | 1904 Jan. 12. | HORSBURGH, HARRY .. ..                                   | 29 Ross Street, Cambridge.                                 |
|     | 1902 Dec. 2.  | HORTON, JOHN WILLIAM ..                                  | County Offices, St. Mary's Gate, Derby.                    |
| ✠   | 1903 Feb. 3.  | *HORWOOD, CUTHBERT BARING                                | Rand Club, Johannesburg, Transvaal.                        |
|     | 1894 Dec. 4.  | {*HORWOOD, JOEL HENRY,<br>M.C.E. (Melb.) .. .. .}        | 46 Lansdowne Terrace, Cheltenham.                          |
|     | 1895 Mar. 5.  | *HOSKEN, ARTHUR FAYRER ..                                | Nizam's Rys., Secunderabad, Deccan                         |
|     | 1897 Apr. 6.  | HOSKEN, RICHARD .. ..                                    | Box 667, Johannesburg, Transvaal.                          |
|     | 1883 May 1.   | HOSKINGS, ARTHUR BERRIMAN                                | 7 Northbrook Road, Lee, S.E.                               |
|     | 1906 Apr. 3.  | {HOUGHTON, ROBERT HAROLD,<br>B.Sc. (Lond.) .. .. .}      | 23 Woodstock Road, Croydon.                                |
|     | 1894 Jan. 9.  | HOUGHTON, SIDNEY ALEXANDER                               | {Board of Trade, 73 Robertson Street Glasgow.              |
|     | 1904 Jan. 12. | *HOUNSFIELD, FRANCIS CECIL ..                            | {40 Burleigh Mansions, St. Martin's Lane, W.C.             |
|     | 1904 Jan. 12. | *HOUNSFIELD, LESLIE HAYWOOD                              | {Polygon Engineering Works, 65A Old Town, Clapham, S.W.    |
|     | 1906 Feb. 6.  | {HOUSTON, WILLIAM CAMPBELL,<br>B.Sc. (Glas.) .. .. .}    | Heriot-Watt College, Edinburgh.                            |
|     | 1894 May 22.  | *HOVIL, FRANK .. ..                                      | {Egyptian State Rys., Engineer's Dept., Cairo.             |
|     | 1897 Jan. 12. | HOWARD, ALBERT HARRIS ..                                 | {2 Queen Anne's Gate, Westminster, S.W. (Westminster 191.) |
|     | 1901 Jan. 8.  | *HOWARD, FRANCIS ELIOT ..                                | 99 Queen Victoria Street, E.C.                             |
| m ✠ | 1886 Dec. 7.  | *HOWARD, FRANK GEERE ..                                  | 7 Ellerdale Road, Hampstead, N.W.                          |
|     | 1894 Dec. 4.  | HOWARD, FREDERICK WILLIAM                                | Boro' Engineer's Office, Reading.                          |
|     | 1886 May 18.  | HOWARD, JOHN GEORGE ..                                   | Box 550, Johannesburg, Transvaal.                          |
|     | 1883 Dec. 4.  | HOWARD-SMITH, WILLIAM ..                                 | 20 Victoria Street, S.W.                                   |
|     | 1889 Mar. 5.  | HOWATSON, ANDREW .. ..                                   | {88 Avenue de Neuilly, Neuilly, Paris.                     |
|     | 1902 Apr. 8.  | HOWDLE, BENJAMIN .. ..                                   | 98 Little Dale Rd., Seacombe, Cheshire.                    |
|     | 1896 Dec. 1.  | {HOWELL, HEBER WILLIAM<br>HENRY .. .. .}                 | King, Hamilton & Co., Calcutta.                            |
|     | 1883 May 29.  | HOWELL, SAMUEL EARNSHAW ..                               | {The Brook Steel Works, Sheffield. (Howell, Sheffield.)    |
| ✠   | 1897 Feb. 2.  | *HOWLEY, RICHARD JOSEPH ..                               | {Donington House, Norfolk Street, Strand, W.C.             |



| Date of Election. | ASSOCIATE MEMBERS.   |  |
|-------------------|--|--|
| 1891 Dec. 1.      | *HOWLEY, WILLIAM JOHN ..   | { Dowlaishwaram, Godavari District, Madras.                          |
| 1897 Apr. 6.      | HOWSIN, CECIL GASCOYNE ..  | { B. B. & C. I. Ry., Loco. Supt.'s Office, Bombay.                   |
| 1898 Dec. 6.      | HUBBACK, THEODORE RATHBONE   | { Seremban, Negri Sembilan, Singapore, S.S.                          |
| 1892 Mar. 1.      | *HUDDART, JOHN .. .. .   | 205 Hinckley Road, Leicester.  |
| 1905 Feb. 7.      | { *HUDDART, LINDOW HEReward }<br>LEOFRIC, M.A. ( <i>Cantab.</i> ) .. | c.o. Imperial Institute, South Kensington, S.W.                      |
| 1882 Dec. 5.      | *HUDLESTON, ANDREW JOHN ..   | S. M. Ry., Dharwar, Bombay.  |
| 1879 May 27.      | HUDSON, JAMES CADOUX ..  | 75 Upp. Ground St., Blackfriars, S.E.                                |
| 1899 Apr. 11.     | *HUDSON, WALTER .. .. .  | { George Findlay & Co., Cape Town, C.C.                              |
| 1892 Dec. 6.      | *HUGHES, EDWARD MORGAN ..  | { 8 Fairholme Road, Great Crosby, Liverpool.                         |
| 1904 Apr. 12.     | { HUGHES, FRANCIS EDWARD }<br>HAROLD .. .. .                         | 16 Ashley Terrace, Harrowgate, near Darlington, Durham.              |
| 1900 Dec. 4.      | { HUGHES, FREDERIC SELBY, }<br>B.Sc. ( <i>Victoria</i> ) .. .. .     | Bengal-Nagpur Ry., Calcutta.   |
| 1891 Feb. 3.      | HUGHES, HERBERT WILLIAM ..   | 24 Wolverhampton Street, Dudley.                                     |
| 1890 Feb. 4.      | { *HUGHES, WILLIAM GEORGE }<br>CRAWFORD .. .. .                      | 2A Ryder Street, St. James's, S.W.                                   |
| 1878 May 28.      | *HUGHES, WILLOUGHBY ROCHESTER  | { Harbour Works, Chin-Wang-tao, China. [Rugeley.                     |
| 1896 May 5.       | *HULL, HENRY ADIN .. .. .  | L. & N. W. Ry., Anson House,   |
| 1894 Dec. 4.      | *HULL, PERCY WINSTANLEY ..   | Pauling & Co., 26 Victoria Street, S.W.                              |
| 1896 Feb. 4.      | *HULME, EDWIN .. .. .  | 20 North John Street, Liverpool.                                     |
| 1892 Dec. 6.      | HUMAN, EDWIN .. .. .   | { Technical College, Colombo, Ceylon.                                |
| 1900 Apr. 3.      | HUME, ALBERT STEWART ..  | { B. C. Hume, 2285 Calle Conesa, Belgrano, Buenos Aires.             |
| 1879 Apr. 1.      | HUME, EDWARD NATHANIEL ..  | Capel, Stanley Road, Deal.   |
| 1876 Dec. 5.      | HUME, WASHINGTON .. .. .   | c.o. Mrs. Hume, Worton Grange, Wilts.                                |
| 1898 Dec. 6.      | *HUMMEL, FRANK HARVEY ..   | Mason College, Birmingham.   |
| 1894 Dec. 4.      | *HUMMEL, HORACE JAMES JORDAN   | Newlands, Horley, Surrey.  |
| 1902 Apr. 8.      | *HUMPHREY, BARNARD .. .. .   | { Motor-Car Dept., G.W. Ry., Penzance, Cornwall.                     |
| 1894 May 1.       | *HUMPHREYS, HENRY HOWARD   | 28 Victoria Street, S.W.   |
| 1885 Feb. 3.      | HUMPHRYS, NORTON HENRY ..  | Gasworks, Salisbury.   |
| 1893 Feb. 7.      | *HUNT, BERNARD .. .. .   | Hunt & Sacré, 1 Victoria Street, S.W.                                |
| 1892 Feb. 2.      | *HUNT, EDWARD .. .. .  | Algeceiras Railway, Gibraltar.                                       |
| 1906 Mar. 6.      | *HUNT, GEORGE EDWARD ..  | { Fingarry, Milton of Campsie, nr. Glasgow.                          |
| 1886 Mar. 2.      | *HUNT, HENRY CHARLES TERRETT   | 1 Victoria Street, S.W.  |
| 1905 Dec. 5.      | { HUNT, JOHN THEODORE, B.A., }<br>B.A.I. ( <i>Dubl.</i> ) .. .. .    | { Bengal and North-Western Railway, Mauasi, Monghyr District, India. |
| 1900 Apr. 3.      | *HUNT, LOUIS JOHN .. .. .  | { Sandycroft Foundry, Hawarden, Chester.                             |
| 1895 Dec. 3.      | *HUNTER, ADAM .. .. .  | 32 Victoria Street, S.W.   |
| 1883 Dec. 4.      | HUNTER, ASHLEY JOHN .. .. .  | { 18 Royal Ins. Bldgs., Queen Street, Auckland, N.Z.                 |
| 1904 Jan. 12.     | { HUNTER, CAMPBELL MURRAY, }<br>B.A. ( <i>Cantab.</i> ) .. .. .      | 1 Leadenhall Street, E.C.  |
| 1899 Dec. 5.      | HUNTER, GEORGE LEWIS ..  | Guildhall, Newcastle-on-Tyne.  |
| m † 1888 Feb. 7.  | *HUNTER, GILBERT MACINTYRE   | { Antofagasta & Bolivia Ry., Antofagasta, Chili.                     |
| 1879 Feb. 4.      | *HUNTER, JOHN .. .. .  | Quarry Bank, Belper.   |
| 1889 Feb. 5.      | *HUNTER, MAURICE .. .. .   | Bridge Street, Belper.   |
| 1897 Apr. 6.      | HUNTER, WALTER JAMES ..  | { Grand Junction Waterworks, Kew Bridge, W.                          |

Date of  
Election.

## ASSOCIATE MEMBERS.

|   |   |                |   |   |
|---|---|----------------|---|---|
| t | ✠ | 1901 Apr. 23.  | { *HURLEY, FREDERICK ARTHUR, }<br>F.C.H. .. .. .          | c.o. Director of Irrigation, Pretoria, Transvaal.             |
|   |   | 1897 Dec. 7.   | HURSE, ALFRED EDWARD ..                                   | 1 Cobham Terrace, Greenhithe.                                 |
|   |   | 1903 Apr. 7.   | HURST, BERTRAM LAWRENCE ..                                | { Assistant Civil Engineer, H.M. Dockyard, Portsmouth.        |
|   |   | 1902 Dec. 2.   | *HURST, GEORGE FREDERICK ..                               | 16 Park Road, Coalville, Leicester.                           |
|   |   | 1906 Jan. 9.   | { *HURT, FRANCIS WILLIAM }<br>RICHARD .. .. .             | Box 38, Knights, Transvaal.                                   |
|   |   | 1898 Dec. 6.   | HUSBAND, JAMES .. .. .                                    |   |
| W | t | ✠ 1897 Mar. 2. | HUSBAND, JOSEPH .. .. .                                   | 98 Mona Rd., Spring Vale, Sheffield.                          |
|   |   | 1900 Apr. 3.   | HUSTON, WILLIAM EDWARD ..                                 | { 18 Marlborough Street, London-derry.                        |
|   |   | 1889 Apr. 2.   | HUTCHINGS, CHARLES ARTHUR                                 | S. Pearson & Son, Honda, Colombia.                            |
|   |   | 1898 Apr. 5.   | *HUTCHINSON, HENRY WESTERN                                | Crabwood, Old Shirley, Southampton.                           |
|   |   | 1895 Dec. 3.   | *HUTCHINSON, WILLIAM HAINES                               | Dunwood, Endon, Stoke-on-Trent.                               |
|   |   | 1894 Jan. 9.   | { *HUTCHISON, GEORGE LEAN, }<br>B.Sc. (Glas.) .. .. .     | 5 University Avenue, Glasgow.                                 |
|   |   | 1905 Jan. 10.  | *HUTCHISON, ROBERT .. ..                                  | { c.o. Messrs. Burn and Co., Ltd. Howrah, Bengal.             |
|   |   | 1902 Apr. 8.   | *HUTCHISON, WILLIAM .. ..                                 | { W. Canada Cement & Coal Co., Ltd., Exshaw, Alberta, Canada. |
|   |   | 1886 Dec. 7.   | *HUTTON, CHARLES HERBERT ..                               | King, King & Co., Bombay.                                     |
|   |   | 1905 Mar. 7.   | *HUTTON, CHARLES INGLIS ..                                | Railway Company, Insein, Burma.                               |
|   |   | 1879 May 6.    | HUTTON, THEODORE BENT ..                                  | 4 Sketty Road, Swansea.                                       |
|   |   | 1887 Apr. 5.   | *HUTTON, WALTER HERBERT ..                                | { 3, St. Andrew's Road, West Ken-sington, W.                  |
|   |   | 1895 Dec. 3.   | *HUTTON, WILLIAM .. .. .                                  | Govt. Sanitary Engineer, Madras.                              |
|   |   | 1905 Dec. 5.   | { *HUTTON, WILLIAM AUSTIN, }<br>M.Sc. (Victoria) .. .. .  | { Gya-Katras Railway, Barano, via Giridih, India.             |
|   |   | 1902 Dec. 2.   | HYDE, GEORGE .. .. .                                      | Parkholme, Prescott Road, St. Helens, Lancs.                  |
|   |   | 1904 Dec. 6.   | { HYDE, GEORGE HERBERT }<br>MACCARTHY .. .. .             | P.W.D., Colombo, Ceylon.                                      |
|   |   | 1895 Dec. 3.   | HYSLOP, JOHN .. .. .                                      | 13 Southmoor Road, Oxford.                                    |
|   |   | 1876 Mar. 7.   | P'ANSON, WILLIAM .. .. .                                  | Bardencroft, Saltburn-by-the-Sea.                             |
|   |   | 1888 Dec. 4.   | *IKIN, ARTHUR JOHN .. ..                                  | { 405 11th Street, Sacramento, Cali-fornia, U.S.              |
|   |   | 1895 May 21.   | *INGHAM, WILLIAM .. .. .                                  | Town Hall, Port Elizabeth, C.C.                               |
| m |   | 1901 Feb. 5.   | { *INGLIS, CHARLES EDWARD. }<br>B.A. (Cantab.) .. .. .    | Maitland House, Cambridge.                                    |
|   |   | 1901 Apr. 2.   | *INGLIS, JOHN, B.Sc. (Edin.) ..                           | 41 George Street, Edinburgh.                                  |
|   |   | 1906 Jan. 9.   | *INGLIS, JOHN HENRY .. ..                                 | { H. Brewer, 37 Manor Road, Folke-stone.                      |
| ✠ |   | 1881 Feb. 1.   | *INGLIS, WILLIAM .. .. .                                  | Rosedale, Airdrie, N.B.                                       |
|   |   | 1900 Dec. 4.   | { INGOLDBY, THOMAS EDWARD, }<br>B.A. (Cantab.) .. .. .    | Glengariff, Coleraine Road, West-combe Park, S.E.             |
|   |   | 1901 Apr. 2.   | INMAN, CECIL DAUBENY .. ..                                | Sandecotes Lodge, Parkstone, Dorset.                          |
|   |   | 1892 May 3.    | IRONSIDE, WILLIAM DALTON ..                               | 3 Golden Square, Aberdeen.                                    |
| ✠ |   | 1899 Jan. 10.  | IRVINE, FEARNSIDE .. .. .                                 | 3 Nutley Terrace, Hampstead, N.W.                             |
|   |   | 1902 Apr. 8.   | IRVINE, JOHN .. .. .                                      |   |
|   |   | 1904 Apr. 23.  | { IRWIN, ARTHUR JOHN. }<br>B.A.I. (Dubl.) .. .. .         | Royal Survey Dept., Bangkok, Siam.                            |
|   |   | 1905 Feb. 7.   | { *ISLE, WILLIAM COLLENSON, }<br>B.Sc. (Victoria) .. .. . | Boston Road, Horneastle, Lines.                               |
|   |   | 1880 Mar. 2.   | *ITTER, ARTHUR WERNER ..                                  | { Waverley House, Waverley Grove, Hendon, N.W.                |
|   |   | 1887 Apr. 5.   | *IVE, ERNEST .. .. .                                      | The Hermitage, Mead Vale, Redhill.                            |
|   |   | 1880 Dec. 7.   | IVENS, THOMAS EDWARD ..                                   | 18 King's Avenue, Ealing, W.                                  |
|   |   | 1892 Dec. 6.   | *IVES, HARRY WILLIAM MACLEAN                              | Sirhind Canal, Ludhiana, Punjab.                              |

| Date of Election. | ASSOCIATE MEMBERS.   |         |   |
|-------------------|--|---------|---|
| 1895 Feb. 5.      | IVOR-MOORE, THOMAS   | .. ..   | { War Office, Atterbury Street, Grosvenor Road, S.W.          |
| 1875 Dec. 7.      | IZARD, WALTER GEORGE   | ..      | { 10 The Paragon, Blackheath, S.E.                            |
| 1906 Apr. 10.     | *IZAT, JOHN  | .. .. . | { Durrah, <i>viâ</i> Kotah, Rajputana.                        |
| 1887 Dec. 6.      | *JACK, ARTHUR JOSEPH   | .. ..   | { The Crouch, Seaford, Sussex.                                |
| 1885 May 19.      | *JACKAMAN, CHARLES JAMES   | ..      | { Highfield, Bath Road, Slough.                               |
| 1888 Apr. 10.     | JACKS, THOMAS WILLIAM MOSELEY                                    | ..      | { 13 Queensborough Gardens, Kelvin-side, Glasgow.             |
| 1900 Apr. 3.      | *JACKSON, ALFRED ERNEST  | ..      | { City Engineer's Office, Manchester.                         |
| t †               | { *JACKSON, CLEMENTS FREDERICK<br>VIVIAN, B.E. ( <i>Sydney</i> ) | ..      | { Mines Dept., Brisbane, Queensland.                          |
|                   |  | ..      | {   |
| 1883 May 29.      | JACKSON, EDWARD JAMES  | ..      | { Kinburn West, St. Andrews, N.B.                             |
| †                 | *JACKSON, GEORGE FREDERICK                                       | ..      | { Eng.'s Office, N. E. Ry., Newcastle-on-Tyne.                |
|                   |  | ..      | { Woodmansterne, Ashfield Road, King's Heath, nr. Birmingham. |
| 1900 Dec. 4.      | *JACKSON, HARRY  | .. ..   | {   |
| 1887 Apr. 5.      | *JACKSON, HUGH ROWLAND   | ..      | { The Hall Cross, Doncaster.                                  |
| 1892 Apr. 5.      | JACKSON, JAMES EDWARD  | ..      | { P.W.D., Taiping, Perak, S.S.                                |
| 1899 Apr. 11.     | { JACKSON, JAMES THOMAS,<br>M.A., M.A.I. ( <i>Dubl.</i> )        | ..      | { 13 Kimmage Road, Harold's Cross,                            |
|                   |  | ..      | { Dublin. [mingham.]  |
| 1895 Jan. 8.      | JACKSON, ROBERT CATTLEY  | ..      | { King's Court, Colmore Row, Bir-                             |
| 1890 Dec. 2.      | JACOB, ALBERT FRANCIS  | ..      | { Waterworks, Prospect, N.S.W.                                |
| 1879 Feb. 4.      | *JACOB, EDWARD FOUNTAINE, C.I.E.                                 | ..      | { N. W. Ry., Lahore, Punjab.                                  |
| 1872 Dec. 3.      | JACOB, EDWARD WESTLEY  | ..      | { 39 Great George Street, Harrogate.                          |
| 1891 May 5.       | JACOBS, PAUL GEORGE  | ..      | { c/o H. S. King & Co., Pall Mall, S.W                        |
| 1887 Jan. 11.     | *JACOMB, WILLIAM WYKEHAM   | ..      | { 72 Dyke Road, Brighton.                                     |
| 1902 Dec. 2.      | { *JACOMB - HOOD, MALCOLM<br>SUTHERLAND                          | ..      | { 9 Bridgo Street, Westminster, S.W.                          |
|                   |  | ..      | {   |
| 1897 Feb. 2.      | *JACQUES, HAROLD SISSON  | ..      | { Gloucester House, Cheltenham.                               |
| 1892 Jan. 12.     | *JACQUES, HERBERT INNES  | ..      | { 14 Randall Road, Clifton, Bristol.                          |
| 1878 Jan. 15.     | JACQUES, RICHARD   | .. ..   | { Loco. Supt., Caldera, Chile.                                |
| 1905 Mar. 7.      | { *JAFFÉ, ARTHUR DANIEL, B.A.<br>( <i>Cantab.</i> )              | ..      | { Strandtown, Belfast.  |
|                   |  | ..      | {   |
| 1902 Jan. 14.     | *JAFFE, DANIEL   | .. ..   | { P.W.D., Hong Kong.  |
| 1893 Dec. 5.      | *JAMES, ARTHUR CHARLES   | ..      | { District Council, Grays, Essex.                             |
| 1889 Jan. 8.      | *JAMES, REGINALD WILLIAM   | ..      | { St. Mildreds, Cambridge Road,                               |
|                   |  | ..      | { Bromley, Kent.  |
| 1900 Apr. 3.      | { *JAMES, WILLIAM HENRY,<br>B.Sc. ( <i>Wales</i> )               | ..      | { College of Engineering, Chepak                              |
|                   |  | ..      | { Palace, Madras.   |
| f m †             | { *JAMESON, ALEXANDER HOPE,<br>M.Sc. ( <i>Victoria</i> )         | ..      | { Derwent Aqueduct, Bastow, Derby-                            |
|                   |  | ..      | { shire.  |
| 1880 Feb. 3.      | *JAMESON, GEORGE   | .. ..   | { Bow Street Distillery, Dublin.                              |
| 1892 Feb. 2.      | *JAMESON, HENRY BENTLEY  | ..      | { P.W.D., Maritzburg, Natal.                                  |
| 1905 Apr. 4.      | JAMESON, MATTHEW WILLIAM   | ..      | { 112 Cazenove Road, Stoke Newing-                            |
|                   |  | ..      | { ton, N.   |
| 1895 Dec. 3.      | *JAMIESON, FREDERICK ALEXANDER                                   | ..      | { Imperial Rys., Tongshan, China.                             |
| 1906 Apr. 3.      | JAMIESON, JOHN CHRISTIAN   | ..      | { 35 Charlotte Square, Edinburgh.                             |
| 1901 Dec. 3.      | *JAMIESON, WILLIAM   | ..      | { 46 Devonshire Road, Liverpool.                              |
| 1904 Feb. 2.      | *JANSEN, EDWARD CLINTON  | ..      | { Broadfields, Jessfield Road, Shang-                         |
|                   |  | ..      | { hai, China.   |
| 1895 May 21.      | { *JANSON, EDMUND WILLIAM,<br>M.A. ( <i>Cantab.</i> )            | ..      | { 23 St. Swithin's Lane, E.C.                                 |
|                   |  | ..      | {   |
| 1888 Dec. 4.      | *JASPER, NICHOLAS PAUL   | ..      | { 13 Charles Street, St. James's, S.W.                        |
| 1887 Dec. 6.      | JEEJEEBHoy, PIROSHAW BOMANJEE                                    | ..      | { 17 Church Street, Bombay.                                   |
| 1898 Apr. 5.      | { *JEFFARES, JOHN LETT SEALEY,<br>B.Sc. ( <i>Edin.</i> )         | ..      | { Government Railways, Komgha,                                |
|                   |  | ..      | { Cape Colony.  |
| 1889 Feb. 5.      | JEFFERISS, THOMAS  | .. ..   | { Cornwall Works, Soho, Birmingham                            |
| 1906 Apr. 3.      | JEFFES, REGINALD HERBERT   | ..      | { Manor House, Cheshunt, Herts.                               |



Date of  
Election.

## ASSOCIATE MEMBERS.

|         |               |  |  |
|---------|---------------|--|--|
|         | 1881 Dec. 6.  | *JEFFREYS, EDWARD HOMER ..                                     | Hawkhills, Chapel Allerton, Leeds.                                       |
|         | 1894 Mar. 6.  | JEME, TIEN YOW, Ph.B. ( <i>Yale</i> )                          | { Chief Eng., Imperial Peking-Kalgan Ry., Fuchingmen, Peking.            |
| M W t ✠ | 1891 Feb. 3.  | { *JENKIN, CHARLES FREWEN, }<br>B.A. ( <i>Cantab.</i> ) .. ..  | 34 Ladbroke Square, W.   |
|         | 1895 Mar. 5.  | *JENKIN, CHARLES JAMES ..                                      | Urban District Council, Finchley, N.                                     |
|         | 1895 Apr. 2.  | *JENKIN, WILLIAM ALFRED ..                                     | Dean Terrace, Liskeard.  |
|         | 1894 May 22.  | *JENKINS, ALFRED JOHN ..                                       | { New Waterworks Co., 27 Broad Street, Jersey.                           |
|         | 1895 May 21.  | *JENKINS, CHARLES WILLIAM ..                                   | Bonnie Doon, Tamworth, N.S.W.  |
|         | 1890 Feb. 4.  | *JENKINS, DAVID MORGAN ..                                      | Borough Surveyor, Neath.   |
|         | 1878 Feb. 5.  | JENKINS, GEORGE GORDON ..                                      | 16 Bridge Street, Aberdeen.  |
|         | 1891 Apr. 7.  | JENKINS, HENRY CHARLES ..                                      | Cusgarne, Perranwell, Cornwall.  |
|         | 1888 Dec. 4.  | JENKINS, WILLIAM JOHN ..                                       | Beehive Works, Retford, Notts.   |
|         | 1902 Apr. 8.  | JERRAM, GEORGE .. ..   | Town Hall, Walthamstow, E.   |
|         | 1876 Mar. 7.  | JERVIS, ALEXANDER .. ..  | 23 Claremont Crescent, Edinburgh.  |
|         | 1877 Dec. 4.  | *JESSOP, GEORGE .. ..  | { London Steam Crane & Engine Works, Leicester. (Jessop, Leicester. 73.) |
|         | 1897 Apr. 6.  | JEVONS, JOHN HENRY .. ..                                       | Boro' Surveyor, Hertford.  |
|         | 1900 Apr. 3.  | { JEX-BLAKE, THOMAS BOWEN, }<br>M.A. ( <i>Oxon.</i> ) .. ..    | Engineer's Office, E.I. Ry., Calcutta.                                   |
|         | 1889 Dec. 3.  | JICKELL, SAMUEL .. ..  | Boro' Engineer, Petone, New Zealand.                                     |
|         | 1885 Feb. 3.  | *JOBING, EDWARD FISHER ..                                      | { 2 Spencer Road, Wandsworth Common, S.W.                                |
| m ✠     | 1877 Feb. 6.  | *JOEL, HENRY FRANCIS .. ..                                     | 74 Windsor Road, Forest Gate, E.   |
|         | 1896 Dec. 1.  | *JOHNS, PERCY .. ..  | Guildhall, Maidenhead.   |
| ✠       | 1885 Mar. 3.  | *JOHNS, WILLIAM ARTHUR ..                                      | Altan, Carrickfergus, Ireland.   |
|         | 1894 Dec. 4.  | JOHNSON, ALGERNON EDWARD                                       | Regent Street, Wrexham.  |
|         | 1906 Apr. 3.  | *JOHNSON, CHARLES CUTHBERT                                     | Woodside, Wath-on-Dearne, Yorks.   |
|         | 1892 Mar. 1.  | *JOHNSON, CHARLES THOMPSON                                     | Boro' Engineer, Thornaby-on-Tees.  |
|         | 1879 May 6.   | *JOHNSON, FREDERICK WILLIAM                                    | Maybank, Staplehurst, Kent.  |
|         | 1906 Feb. 6.  | *JOHNSON, HARRY OSCAR ..                                       | { Frövi-Ludvika Järnväg, Kopparberg, Sweden.                             |
|         | 1891 Jan. 13. | JOHNSON, HENRY CLEWLY ..                                       | { Midland Ry., Engineer's Office, Ambergate.                             |
|         | 1901 Mar. 5.  | JOHNSON, JAMES HEALEY ..                                       | Witham Office, Boston, Lines.  |
|         | 1898 Apr. 5.  | *JOHNSON, PHILIP HEBER ..                                      | Engineers' Office, Midland Ry., Derby.                                   |
|         | 1903 Jan. 13. | *JOHNSTON, CHARLES .. ..                                       | { P.W.D., Begari Canals, Jacobabad, Sind.                                |
|         | 1898 Dec. 6.  | { *JOHNSTONE, ARTHUR HENRY, }<br>B.A.I. ( <i>Dubl.</i> ) .. .. | E.I. Ry., Calcutta.  |
|         | 1883 Feb. 6.  | JOHNSTONE, Hon. CECIL .. ..                                    | Hackness Hall, Scarborough.  |
|         | 1900 Dec. 4.  | JOHNSTONE, RONALD HENRY ..                                     | 190 West George Street, Glasgow.   |
|         | 1886 Mar. 2.  | JONES, CHARLES EDWIN .. ..                                     | { 9 Manor Terrace, Lea Bridge Road, Leyton.                              |
|         | 1877 Mar. 6.  | JONES, CHARLES WILLIAM ..                                      | Gasworks, Via dei Cerchi, Rome.  |
|         | 1888 Apr. 10. | *JONES, CYRIL EDWARD ARENCO                                    | Clymaenllwyd, Llanelly.  |
|         | 1884 May 6.   | JONES, EDWARD DUKINFIELD ..                                    | Castro, Reigate.   |
|         | 1894 Jan. 9.  | { JONES, ELIAS CHRISTOPHER, }<br>B.Sc. ( <i>Lond.</i> ) .. ..  | 5 Rugby Road, Neath.   |
|         | 1891 Dec. 1.  | *JONES, EVAN DAVIES .. ..                                      | 6 Addison Road, Kensington, W.   |
|         | 1903 Jan. 13. | { *JONES, EVELYN LLEWELLYN }<br>HUSTLER .. ..                  | 25 Bernard St., Russell Square, W.C.                                     |
|         | 1901 Dec. 3.  | JONES, FRANK WILLIAM ..  | M. Ry., Eng.'s Office, Shenf St., Shef.                                  |
|         | 1902 Feb. 4.  | *JONES, FREDERICK JAMES ..                                     | Railways, Wellington, N.Z. [field.                                       |
|         | 1881 Feb. 1.  | *JONES, GEORGE ARTHUR ..                                       | { c. o. A. L. Foster, 20 Copthall Avenue, E.C.                           |
|         | 1886 Mar. 2.  | JONES, HAROLD .. ..  | { 8 Drayton Terrace, S. Kensington, S.W.                                 |
|         | 1904 Apr. 12. | JONES, HENRY LANGLEY ..  | { 7 Hilltop Road, West Hampstead, N.W.                                   |
|         | 1906 Apr. 3.  | JONES, ISAAC JAMES .. ..                                       | 176 St. Paul's Road, Highbury, N.  |

| Date of Election. | ASSOCIATE MEMBERS.  |  |
|-------------------|---|--|
| 1887 May 3.       | JONES, JOHN CHARLES DWAFYDD                                 | { Eastern Extension Telegraph Co., Singapore, S.S.                               |
| 1887 Dec. 6.      | *JONES, JOHN EDWARD .. ..                                   | Eastcliffe, Exton, Topsham.  |
| 1906 Apr. 10.     | *JONES, JOHN FREDERICK .. ..                                | Eng.'s Office, Kemeys Bridge, nr. Usk.   |
| 1875 Feb. 2.      | *JONES, JOHN HUNTER .. ..                                   | 15 First Avenue, Brighton.   |
| 1891 Dec. 1.      | JONES, MONTAGUE RHYS .. ..                                  | { Tasmanian Exploration Co., 1 Broad Street Place, E.C.                          |
| 1876 Dec. 5.      | *JONES, OWEN .. .. .  | { Blackale Range Road, Beeswah, Queensland.                                      |
| 1890 Mar. 4.      | *JONES, PATRICK NICHOLAS HILL                               | P.W.D., Hong Kong.   |
| 1906 Apr. 3.      | JONES, RICHARD ABBOTT .. ..                                 | 25 Kensington Crescent, Swansea.   |
| 1901 Dec. 3.      | *JONES, SAMUEL CAREY .. ..                                  | 6 Cwmdonkin Terrace, Swansea.  |
| 1896 Apr. 14.     | { *JONES, THOMAS GILBERT, B.Sc. ( <i>Victoria</i> ) .. .. } | { Municipal Technical College, Swansea.  |
| 1906 Apr. 3.      | JONES, TOM .. .. .  | 53 Princes Street, Southport.  |
| 1876 Feb. 1.      | *JONES, WALTER ROBERTS .. ..                                | { Fabrica di Gas, Figueira da Foz, Portugal.                                     |
| 1891 Apr. 7.      | *JONES, WILLIAM .. .. .                                     | { Trefgarnedd, Meirion Gardens, Colwyn Bay, N. Wales.                            |
| 1884 Dec. 2.      | JONGH, JOHN ISIDOR DE .. ..                                 | San José, Costa Rica.  |
| 1899 Dec. 5.      | *JOSELIN, EDWARD LIVINGSTONE                                | { 131 Somerville Road, Small Heath, Birmingham.                                  |
| 1884 May 6.       | JOSEPH, ALLAN FERGUSON .. ..                                | Cairo. [N.S.W.]  |
| 1879 Feb. 4.      | *JOSEPHSON, JOSHUA PERCY .. ..                              | George St., Marrickville, Sydney,  |
| 1891 May 5.       | *JOY, HENRY GOLDING .. ..                                   |  |
| 1896 Mar. 3.      | *JUDD, CHARLES RICHARD .. ..                                | King, King & Co., Bombay.  |
| 1880 Feb. 3.      | { JULIAN, ROBERT HILL, B.E. ( <i>Queen's</i> ) .. .. }      | { Prospect Villa, Braunton, N. Devon.  |
| 1904 Apr. 12.     | JUPP, JOHN FRANCIS .. ..                                    | { Western Valleys Mon. Sewerage Works, Bassaleg, Mon.                            |
| 1884 May 6.       | KAPTEYN, ALBERTUS PHILIPPUS                                 | { Westinghouse Brake Co., York Rd., N. (Westinghouse, London. King's Cross 620.) |
| 1894 Dec. 1.      | KATRAK, NAVROJI HORMASJI                                    | 229 Borah Bazar St., Fort Bombay.  |
| 1900 Dec. 4.      | KATZENSTEIN, ERNEST .. ..                                   | { Obras de Saneamiento del Puerto, Cerrolargo 96f, Montevideo, Uruguay.          |
| 1898 Dec. 6.      | KAY, WALTER ROBERT .. ..                                    | { G. and W. R. Kay, Athol Street, Douglas, Isle of Man.                          |
| 1903 Jan. 13.     | *KEAY, WILLIAM GREGORY .. ..                                | 21 Delahay St., Westminster. S.W.  |
| 1893 Mar. 7.      | *KEELING, HUGH TROWBRIDGE                                   | e.o. H. S. King & Co., 65 Cornhill, E.C.   |
| m ✱ 1899 Dec. 5.  | *KEIGWIN, ARCHER DAVE .. ..                                 | Holly Brake, Merton Park, Surrey.  |
| 1887 Mar. 1.      | KEIR, FRANCIS LINDSAY .. ..                                 | Ry. Dept., Brisbane, Queensland.   |
| 1904 Jan. 12.     | KEITH, DAVID ALEXANDER .. ..                                | 42 Durham Road, E. Finchley, N.  |
| 1888 Dec. 4.      | KEITH, JAMES .. .. .  | { 27 Farringdon Avenue, E.C. (James Keith, London. Holborn 620.)                 |
| 1898 Mar. 1.      | KEKEWICH, GEORGE ORMOND                                     | { Whitelands, St. George's Road, St. Margaret's, S.W. [Holborn, W.C.]            |
| 1893 Jan. 10.     | *KELLETT, HARRY .. .. .                                     | 274 Birkbeck Bank Chambers, High   |
| 1901 Apr. 23.     | *KELLY, ARTHUR CLIFTON .. ..                                | { British Westinghouse Electric Co., Norfolk Street, Strand, W.C.                |
| ✱ 1901 Apr. 19.   | KELLY, JAMES .. .. .  | { Alexandra Road, Thornton-le-Fylde, Preston.                                    |
| 1882 Mar. 7.      | KEMBLE, FREDERICK .. ..                                     | 24 Church St., Kingston, Jamaica.  |
| 1894 Feb. 6.      | KEMP, JOHN .. .. .  | City Engineer, Brisbane, Queens-   |
| 1889 Feb. 5.      | KEMP, WILLIAM EDMUND .. ..                                  | D.P.W., Sydney, N.S.W. [land.  |
| 1881 May 31.      | KEMPSON, CHARLES .. ..                                      | Corporation Buildings, Leicester.  |

| Date of Election. | ASSOCIATE MEMBERS.  |  |
|-------------------|---|--|
| 1890 Dec. 2.      | *KEMPSON, CHARLES ALDWIN ..                                     | Dockyard, Liverpool.   |
| 1896 Jan. 14.     | *KEMP-WELCH, JOHN .. ..   | Holmwood, The Crescent, Barnes.                                  |
| 1890 Dec. 2.      | KENDALL, ROBERT .. ..   | Existing Lines Dept., Sydney, N.S.W.                             |
| 1878 Feb. 5.      | *KENDALL, WILLIAM BARROW ..                                     | 184 Park Avenue, Hull.   |
| m 1905 Jan. 10.   | {*KENNEDY, JOHN MCFARLANE, ..<br>B.A. ( <i>Cantab.</i> ) .. ..} | The Oaks, Kenley, Surrey. [E.]                                   |
| 1899 Dec. 5.      | *KENNEDY, ROBERT SINCLAIR ..                                    | Glengall Ironworks, Ltd., Millwall,                              |
| 1895 Dec. 3.      | KENNEDY, THOMAS .. ..   | { Ry. Construction Dept., Sydney,<br>N.S.W.                      |
| ✠ 1892 Dec. 6.    | KENNY, WILLIAM EYRE .. ..                                       | { P.W.D., Kuala Lumpur, Malay<br>States.                         |
| 1905 Apr. 4.      | KENRICK, JOHN PAINTER ..  | 8 St. James' Square, Manchester.                                 |
| 1888 Feb. 7.      | KENT, JOHN BROADHURST ..  | Commercial Gas Co., Wapping, E.                                  |
| 1898 Dec. 6.      | *KENT, ROBERT JACKSON ..  | King, King & Co., Bombay.  |
| 1876 Mar. 7.      | KENWORTHY, EDWIN .. ..  | { County Chambers B., Martineau,<br>Birmingham.                  |
| 1900 Dec. 4.      | *KENYON, FRANCIS EDWARD ..                                      | Gillingham Hall, Beccles.  |
| 1902 Jan. 14.     | { KER, ANDREW MARTIN, ..<br>B.Sc. ( <i>Victoria</i> ) .. ..}    | Boro' Surveyor's Office, Warrington.                             |
| 1896 Feb. 4.      | KER, ARTHUR WILLIAM ..  | 124 St. Vincent Street, Glasgow.                                 |
| 1899 Dec. 5.      | { KER, JOHN STUART, ..<br>B.Sc. ( <i>Edin.</i> ) .. ..}         | Woolwich Polytechnic, Woolwich,<br>S.E.                          |
| 1899 Dec. 5.      | { KERMODE, GEORGE, ..<br>M.C.E. ( <i>Melb.</i> ) .. ..}         | City Engineer, Hawthorn, Victoria.                               |
| 1906 Feb. 6.      | { KERR, HENRY FORREST, ..<br>B.A.I. ( <i>Dubl.</i> ) .. ..}     | Eng.'s Office, L.C.C., 63 Cambridge<br>Mansions, Battersea, S.W. |
| 1893 Dec. 5.      | KERR, JOSEPH MALCOLM .. ..                                      | { Gokak Falls, Belgaum District,<br>India.                       |
| 1887 May 3.       | *KERSHAW, FREDERICK WHITE                                       | { 3 Conyers Avenue, Birkdale, South-<br>port.                    |
| 1904 Dec. 6.      | KEY, THOMAS DOW .. ..   | { Alexandria Water Co., Ltd., Alex-<br>andria, Egypt.            |
| 1903 Feb. 3.      | { KHAREGAT, MARCUS MERWAN ..<br>RUTTONJEE .. ..}                | Selden House, Worthing.  |
| 1906 Apr. 3.      | *KIBBLE, EDMUND DAVID ..  | 52 West Cromwell Road, S.W.                                      |
| 1876 Feb. 1.      | KIDD, THOMAS .. ..  | 104 Balham Park Road, S.W.                                       |
| 1893 Feb. 7.      | KIDD, THOMAS .. ..  | Swadlincote, Burton-on-Trent.                                    |
| 1900 Apr. 3.      | { *KIESER, WILLIAM HENRY ..<br>GUSTAV .. ..}                    | City Engineer's Office, Bristol.                                 |
| 1889 Feb. 5.      | KIKKAWA, SANJIRO .. ..  | { 10 Nishikatomachi, Komagomy,<br>Honjoku, Tokio, Japan.         |
| 1897 Dec. 7.      | KILGOUR, MARTIN HAMILTON ..                                     | Municipal Offices, Cheltenham.                                   |
| 1893 Jan. 10.     | *KILLON, HARRY BIRCH .. ..                                      | 20 Cooper Street, Manchester.                                    |
| 1892 Jan. 12.     | *KINDERSLEY, ARTHUR EDWARD                                      | Honzada, Burma.  |
| 1894 Dec. 4.      | *KING, CHRISTOPHER WATKINS                                      | { Harbours & Rivers Branch, D.P.W.,<br>Newcastle, N.S.W.         |
| 1892 Dec. 6.      | { KING, FRANCIS ALEXANDER ..<br>STUART .. ..}                   | Arklow, Ireland.   |
| 1904 Apr. 19.     | KING, ROBERT .. ..  | The Bungalow, Dundee, Natal.                                     |
| 1900 Jan. 9.      | { KING, ROBERT HENRY, ..<br>B.A.I. ( <i>Dubl.</i> ) .. ..}      | Punchard, Lowther & Co., H.M.<br>Dockyard Extension, Hong Kong.  |
| 1882 May 23.      | *KINGDON, ZACHARY HARRIS ..                                     | 57 Granville Park, Lewisham, S.E.                                |
| 1888 Jan. 10.     | KINGSFORD, HERBERT .. ..  | Casilla 120, Lima, Peru.   |
| 1890 May 20.      | { KINGSLEY, ARTHUR HENRY, ..<br>B.A. ( <i>Cantab.</i> ) .. ..}  | Bourne Orchard, Hertford.  |
| 1896 Dec. 1.      | KINGSTON, HENRIQUE AUGUSTO                                      | Govt. Telegraphs, Rio de Janeiro.                                |
| 1896 May 19.      | { KIRBY, JOHN FREDERICK ..<br>CAMPBELL .. ..}                   | Thos. Cook & Son, Bombay.  |
| ✠ 1894 Jan. 9.    | KIRBY, OSCAR JOHN .. ..   | Town Hall, Batley.   |
| 1905 Dec. 5.      | { KIRK, PERCY ROEBUCK, ..<br>B.A. ( <i>Cantab.</i> ) .. ..}     | Hackney Technical Institute, N.E.                                |
| 1877 May 29.      | KIRK, THOMAS .. ..  | Town Hall, Ipswich, Queensland.                                  |



| Date of Election. | ASSOCIATE MEMBERS.   |  |
|-------------------|--|--|
| t † 1898 Dec. 6.  | KIRKALDY, WILLIAM GEORGE                                     | { Testing Works, 99 Southwark St., S.E. (Hop Exchange 2439.)           |
| 1905 Dec. 5.      | KIRKCALDY, NORMAN MELVILLE                                   | { Burt and Kirkcaldy, Eldon Street House, London, E.C.                 |
| 1906 Apr. 3.      | { KIRKE, PERCY ST. GEORGE, B.A. ( <i>Cantab.</i> ) .. .. }   | Castle-Cary Castle, Glasgow.   |
| 1901 Apr. 23.     | { KIRKLAND, JOHN, M.Sc. ( <i>Victoria</i> ) .. .. }          | { Hawthorn Bank, Rocky Lane, Monton, Manchester.                       |
| 1898 Dec. 6.      | { *KIRKPATRICK, CYRIL REGINALD SUTTON .. .. }                | { 26 Sanderson Road, Newcastle-on-Tyne. [N.S.W.]                       |
| 1895 Mar. 5.      | KIRKPATRICK, THOMAS HENRY                                    | District Works Offices, Casino,  |
| 1897 Jan. 12.     | { *KIRKWOOD, JAMES HOWIE, B.Sc. ( <i>Glas.</i> ) .. .. }     | { Orme Bank, St. Andrew Street, Ayr, N.B.                              |
| 1897 Apr. 6.      | *KIRKWOOD, JOHN .. ..  | Admiralty Harbour Works, Dover.  |
| 1884 Apr. 1.      | KIRSTEIN, HENRY CHARLES ..                                   | Eliot Vale Cottage, Blackheath, S.E.                                   |
| 1904 Feb. 2.      | *KITCHIN, ERIC WILFRED ..                                    | The Priory, Watford, Herts.  |
| m 1901 Apr. 2.    | *KITCHIN, JOHN WILLIAM ..                                    | { Dock Engineer's Office, Cumberland Basin, Bristol.                   |
| 1872 Jan. 9.      | KITT, ALFRED .. ..   | Downsland, Crondall, Hants.  |
| 1894 Mar. 6.      | *KLOPP, GEORGE ONNO HOMFELD                                  | { 200 High Holborn, W.C. (c.o. Kentobin, London).                      |
| 1904 Apr. 12.     | KNAPMAN, EDWARD .. ..  | { Charing Cross, Euston & Hampstead Ry., 39 Chalk Farm Road, N.W.      |
| 1905 Apr. 4.      | { KNEWSTUBB, FREDERICK WILLIAM .. .. }                       | Council Offices, Haverhill, Suffolk.                                   |
| 1905 Dec. 5.      | KNIFTON, CHARLES .. ..                                       | Apartado 42, Bilbao, Spain.  |
| 1891 Dec. 1.      | KNIGHT, BERTRAND THORNTON                                    | Ry. Dept., Bangkok, Siam.  |
| 1897 Jan. 12.     | KNIGHT, CLAUD HOPE .. ..                                     | Jaltipan, Vera Cruz, Mexico.   |
| 1904 Jan. 12.     | { *KNIGHT, JOHN ARTHUR, B.Sc. ( <i>Victoria</i> ) .. .. }    | { Great Central Railway Contract, Wembley.                             |
| 1900 Feb. 6.      | KNIGHT, JOHN MACKENZIE ..                                    | Bushwood, Wanstead, Essex.   |
| 1890 Dec. 2.      | KNOWLES, CHARLES EDWARD ..                                   | Holmdale, Glossop, Manchester.   |
| 1905 Jan. 10.     | KNOWLES, GEORGE POTTER ..                                    | 39 Victoria Street, S.W.   |
| 1895 Jan. 8.      | KNOWLES, GEORGE WILLIAM ..                                   | Raincliffe, Clevedon, Somerset.  |
| 1905 Apr. 11.     | { *KNOWLES, GUY JOHN FENTON, B.A. ( <i>Cantab.</i> ) .. .. } | Park Lodge, Albert Gate, S.W.  |
| 1888 Feb. 7.      | KNOWLES, ROBERT .. ..  | Ednaston Lodge, near Derby. [N.Z.]                                     |
| 1894 Dec. 4.      | KOCH, AUGUST CHARLES .. ..                                   | District Office, Ry. Dept., Wellington,                                |
| 1901 Jan. 12.     | KÖHRING, ALFRED WILLIAM ..                                   | { Argentine G. W. Ry., Mendoza, Argentina.                             |
| 1893 Dec. 5.      | KOLLE, HAROLD WERNER .. ..                                   | Egremont, Tulse Hill, S.W. [Japan.]                                    |
| 1901 Feb. 5.      | KONDO, SENTARO .. ..   | Naimusho Tokio Doboku, Shitchojo,                                      |
| 1882 Apr. 4.      | *KORTRIGHT, LAWRENCE MOORE                                   | Basseterre, St. Kitts, West Indies.                                    |
| 1905 Jan. 10.     | KRALL, REGINALD FRANK ..                                     | { 16 Fieldsway House, Highbury Crescent, N.                            |
| 1898 Dec. 6.      | KRAUS, JACOB .. ..   | { Ministerie van Waterstaat, Handel en Nijverheid, The Hague, Holland. |
| 1901 Apr. 2.      | *KÜHL, HARRIS JÜEGEN CARL ..                                 | New Dock Works, Grangemouth, N.B.                                      |
| 1893 Dec. 5.      | LABASTIDE, ALBERT FRANCIS DE                                 | Port of Spain, Trinidad.   |
| 1887 Feb. 1.      | *LABATT, JOHN BAGOT .. ..                                    | { Brougham Place, N. Adelaide, S. Australia.                           |
| 1896 Dec. 1.      | LACEY, JOSEPH MELVILLE ..                                    | { Ex. Eng., P.W.D., Nidadavola, Godavery, India.                       |
| m 1883 May 29.    | *LACEY, THOMAS STEPHEN ..                                    | { Gas Light & Coke Co., Bromley-by-Bow, E.                             |
| 1891 Dec. 1.      | LACHLAN, WILLIAM .. ..                                       | { E. F. Novo Hamburgo, Porto Alegre, Rio Grande do Sul, Brazil.        |

| Date of Election.   |  | ASSOCIATE MEMBERS.  |  |
|---------------------|--|---|--|
| 1894 May 22.        | LACKLAND, JOHN JAMES.. ..  | Water Engineer, St. Helens, Lancs.                                    |  |
| 1894 Dec. 4.        | LACKLAND, WILLIAM SAMUEL   | { Holderness Drainage, Beverley, Yorks. [S.E.]                        |  |
| 1896 Apr. 14.       | *LADE, ALEXANDER .. .. .   | L.C.C. Works Dept., Belvedere Road,                                   |  |
| 1902 Apr. 22.       | { LAFFÈRE, RICHARD LAWSON, }<br>M.A.I. ( <i>Dublin</i> ) .. .. . | 47 Marlborough Road, Donnybrook, Dublin.                              |  |
| 1903 Mar. 3.        | *LAGERWALL, FRANK GORDON   | { Bella Vista, Wear Bay Road, Folkestone.                             |  |
| 1901 Dec. 3.        | *LAING, JOHN ROSS .. .. .  | 7 Denham Green Avenue, Leith.   |  |
| 1895 May 21.        | *LAING, WILLIAM ARTHUR BAIRD                                     | 175 Hope Street, Glasgow.   |  |
| 1898 Apr. 5.        | LAKE, VIVIAN DAVEY .. .. .                                       | S. Pearson & Son, Honda, Colombia.                                    |  |
| 1889 May 7.         | { *LAKE, WILLIAM GEORGE }<br>WOOLLCOMBE .. .. .                  | Box 1970, Johannesburg, Transvaal.                                    |  |
| 1904 Mar. 1.        | { *LAMB, ERNEST HORACE, }<br>M.Sc. ( <i>Victoria</i> ) .. .. .   | 21 Conduit Road, Bedford.   |  |
| 1905 Jan. 10.       | *LAKE, WALLACE STICKLAND ..                                      | 2 Marlborough Road, Plymouth.   |  |
| 1893 Dec. 5.        | LAMBERT, FITZGERALD GAGE   | Packham, Fordingbridge, Hants.  |  |
| 1882 Mar. 7.        | *LAMBERT, GEORGE BUCHANAN  | 2 Thicket Road, Anerley, S.E.   |  |
| 1895 Apr. 2.        | *LAMBERT, JOSHUA .. .. .   | { Council Offices, The Green, S. Tottenham, N.                        |  |
| 1889 Dec. 3.        | *LANCASHIRE, WILLIAM THOMAS                                      | City Engineer, Leeds.   |  |
| 1892 May 3.         | LANCASTER, EDWARD WILLIAM  | Bath House, Holborn Viaduct, E.C.                                     |  |
| 1889 Dec. 3.        | { LANCASTER, WILLIAM JOSEPH }<br>COSENS .. .. .                  | 21 Alexandra Road, Mutley, Plymouth.                                  |  |
| 1888 Feb. 7.        | *LANDER, PHILIP VINCENT ..                                       | { Compania de Obras Publicas, Avenida de Mayo 586, Buenos Aires.      |  |
| 1895 Dec. 3.        | LANDLESS, JAMES THOMAS ..  | 4 Nicholas Street, Burnley.   |  |
| 1897 Mar. 2.        | LANE, FREDERICK PAGET ..   | 23 East Cliff, Dover.   |  |
| 1887 Dec. 6.        | LANE, GEORGE .. .. .   | Gasworks, Aylesbury.  |  |
| 1904 Jan. 12.       | *LANE, HUGH SEPTIMUS .. ..                                       | S. Mahratta Ry., Dharwar, India.                                      |  |
| 1895 Feb. 5.        | *LANE, STANLEY ARTHUR ..   | { H.M. Dockyard Extension, Keyham, Devonport.                         |  |
| 1904 Apr. 19.       | { *LANE, THOMAS REGINALD }<br>PELIAM .. .. .                     | Chartered Bank of India, Bombay.                                      |  |
| 1880 Dec. 7.        | *LANG, JOHN CHARLES .. ..  | Liskeard, Cornwall.   |  |
| 1882 Mar. 7.        | { *LANGE, FREDERICK MONTA- }<br>GUE TOWNSEND .. .. .             | 72A St. Thomas Street, S.E.   |  |
| ✠ 1897 Mar. 2.      | LANGFORD, WILLIAM MORRIS   | { Universal Tube Co., Ltd., Chesterfield.                             |  |
| 1890 Mar. 4.        | *LANGSTON, ALFRED CECIL ..                                       | King, King & Co., Bombay.   |  |
| f in ✠ 1902 Apr. 8. | { *LAPWORTH, HERBERT, }<br>B.Sc. ( <i>Birm.</i> ) .. .. .        | Derwent Valley Water Board, Bamford, Sheffield.                       |  |
| 1895 Dec. 3.        | LARARD, CHARLES EDWARD ..  | Northampton Institute, Clerkenwell,                                   |  |
| 1886 Mar. 2.        | *LARGE, CHARLES JOHN EDMONDS                                     | Brecon. [E.C.]  |  |
| 1898 Dec. 6.        | { LARMOR, WILLIAM WRIGHT, }<br>B.A. ( <i>Royal</i> ) .. .. .     | Banbridge, co. Down.  |  |
| 1899 Dec. 5.        | LA ROCHE, CHARLES AUGUSTUS                                       | Kyber Pass, Auckland, N.Z.  |  |
| 1900 Dec. 4.        | *LART, FREDERICK ARTHUR ..                                       | 17 Victoria Road, Darlington.   |  |
| 1896 May 5.         | *LASHMORE, ERNEST WARD ..  | Alma Vale Road, Clifton, Bristol.                                     |  |
| W t ✠ 1886 Apr. 6.  | LAST, WILLIAM ISAAC .. ..  | { Machinery Division, Victoria and Albert Museum, S. Kensington, S.W. |  |
| 1899 Apr. 11.       | LATHAM, GEORGE BALDWIN ..  | { Parliament Mansions, Victoria Street, S.W.                          |  |
| 1906 Apr. 3.        | LATHAM, WILLIAM HENRY ..   | 13 Parnaby Crescent, Hunslet.   |  |
| 1892 Apr. 5.        | *LATIMER, HUGH HAUGHTON ..                                       | 74 Lancaster Gate, S.W.   |  |
| 1883 May 29.        | *LAURENCE, REGINALD .. ..  | Gothic Works, Norwich.  |  |
| 1893 Dec. 5.        | *LAURENS, FRANK .. .. .  |   |  |
| 1901 Dec. 3.        | Laurie, Gordon Colet .. ..                                       | Executive Eng., Gujranwalla, Punjab.                                  |  |
| ✠ 1891 Dec. 4.      | *LAURIE, KENNETH SMALE ..  | E.I. Ry., Klujole, Dinapore, Punjab.                                  |  |
| 1878 May 28.        | LAVEY, CHARLES .. .. .   | 7 Accl Road, W. Hampstead, N.W.                                       |  |
| 1905 Jan. 10.       | { *LAW, ALEXANDER HENRY, }<br>B.A.I. ( <i>Dubl.</i> ) .. .. .    | 150 Portland Road, Newcastle-on-Tyne.                                 |  |
| 1897 Mar. 2.        | LAW, GEORGE ERNEST .. ..   | P.W.D., Perth, Western Australia.                                     |  |

|     | Date of<br>Election. | ASSOCIATE MEMBERS.   |   |
|-----|----------------------|--|---|
|     | 1890 May 20.         | LAW-GREEN, CHARLES .. ..   | 50 Hampton Road, Southport.   |
|     | 1896 May 5.          | LAWN, JAMES GUNSON .. ..   | Box 231, Johannesburg, Transvaal.                                   |
|     | 1899 Dec. 5.         | *LAWRENCE, RICHARD PRIESTLEY   | { Govt. Rys., Salt River, Cape Town,<br>C.C.                        |
|     | 1897 Mar. 2.         | *LAWS, BERNARD COURTNEY ..   | { Lloyd's Register, 3 St. Nicholas<br>Buildings, Newcastle-on-Tyne. |
|     | 1882 May 2.          | LAWSON, CHARLES GRIFFIN ..   | Dist. Council, Palmer's Green, N.                                   |
|     | 1905 Mar. 7.         | *LAWSON, FRANCIS MALCOLM ..  | Northside, Leighwoods, Bristol.                                     |
|     | 1886 Feb. 2.         | LAWSON, VINCENT ALEXANDER  | Stroud, Gloucestershire.  |
|     | 1905 Dec. 5.         | *LAWSON, WILLIAM .. ..   | { 6 Akenside Terrace, Newcastle-on-<br>Tyne.                        |
|     | 1888 Dec. 4.         | LAWTON, RICHARD JOHNSON ..   | 5 Woodstock Road, Chiswick, W.                                      |
|     | 1892 Mar. 1.         | { *LAZENBY, ARTHUR,<br>B.A. ( <i>Cantab.</i> ) .. ..                       | Ranmore, Rugby.   |
| t † | 1901 Apr. 2.         | { LEA, FREDERICK CHARLES,<br>B.Sc. ( <i>Engineering</i> ) ( <i>Lond.</i> ) | 22 Stracey Road, Harlesden, N.W.                                    |
|     | 1902 Dec. 2.         | LEA, FREDERICK MACKENZIE ..  | 38 Bennetts Hill, Birmingham.                                       |
|     | 1905 Apr. 4.         | LEA, MEASHAM .. ..   | City Engineer's Office, Truro.                                      |
|     | 1904 Feb. 2.         | { LEA, RICHARD SMITH,<br>Ma.E. ( <i>McGill</i> ) .. ..                     | { 211 Coristine Building, Montreal,<br>Canada.                      |
|     | 1900 Dec. 4.         | *LEADER, HUGH .. ..  | Thorndene, Oakleigh Park, N.  |
|     | 1898 Dec. 6.         | { LEAF, EDWARD HUNTINGDON,<br>B.A. ( <i>Cantab.</i> ) .. ..                | Burlington Lodge, Streatham Com-<br>mon, S.W.                       |
|     | 1898 Dec. 6.         | { LEAF, HENRY MEREDITH,<br>B.A. ( <i>Cantab.</i> ) .. ..                   | Burlington Lodge, Streatham Com-<br>mon, S.W.                       |
|     | 1898 Dec. 6.         | *LEAKE, HENRY COOKE .. ..  | { 4 Collingwood Villas, Stoke, Ply-<br>mouth.                       |
|     | 1905 Jan. 10.        | LEANE, WALTER BURDITT ..   | { Res. Eng. Irrigation Surveys, P.O.,<br>Fish River Station, C.C.   |
|     | 1903 Apr. 7.         | LEASK, HENRY NORMAN .. ..  | { Heenan & Froude, 4 Chapel Walks,<br>Manchester.                   |
|     | 1895 Dec. 3.         | *LEAVER, CYRIL D'ARCY ..   | Field House, Harpenden, Herts.                                      |
|     | 1905 Dec. 5.         | { *LECIEZIO, ALFRED JEAN<br>ALEXIS .. ..                                   | { Messrs. P. Tardieu et Cie., Moka,<br>Mauritius.                   |
|     | 1878 May 28.         | LEE, EDWIN .. ..   | Ferncliffe, Harehills Avenue, Leeds.                                |
|     | 1890 May 20.         | LEE, JOHN, M.A. ( <i>Oxon.</i> ) ..  | { Duntun House, Thorpe Road,<br>Peterboro'.                         |
|     | 1866 May 1.          | LEECHMAN, WILLIAM CAREY ..   | Nutfield, Bovington, Herts.   |
|     | 1895 Dec. 3.         | LEES, HERBERT .. ..  | Gasworks, Hexham.   |
|     | 1891 Mar. 3.         | LEETE, WILLIAM HENRY ..  | Shire Hall, Bedford.  |
|     | 1887 Mar. 1.         | LEFROY, GEORGE ANTHONY ..  | { c.o. Union Bank, Perth, Western<br>Australia.                     |
|     | 1905 Apr. 4.         | *LEGGE, FRANCIS AUGUSTUS ..  | 38 Moore St., Cadogan Square, S.W.                                  |
|     | 1904 Apr. 12.        | LEGGETT, STEPHEN .. ..   | { c.o. Miss M. Leggett, Sutton-by-<br>Dover, Kent.                  |
| m   | 1891 Feb. 3.         | *LEGROS, LUCIEN ALPHONSE ..  | Melbury, Clarendon Road, Watford.                                   |
| †   | 1888 Feb. 7.         | *LEIGH, FREDERICK JAMES ..   | 30 Kenilworth Road, Ealing, W.                                      |
|     | 1895 Jan. 8.         | LEIGH, JOHN ALFRED .. ..   | { Engineer's Office, Ship Canal Co.,<br>Eastham, Manchester.        |
|     | 1901 Dec. 3.         | { *LEITCH, ARCHIBALD,<br>B.Sc. ( <i>Glas.</i> ) .. ..                      | Ardmaliesh, Port Glasgow.   |
|     | 1906 Apr. 3.         | *LEITCH, PATRICK ARTHUR ..   | 15 Ardgowan Square, Greenock.                                       |
|     | 1892 Feb. 2.         | { *LE MESURIER, HARRY HUNT<br>PEVERIL .. ..                                | King, Hamilton & Co., Calcutta.                                     |
| m   | 1887 May 24.         | *LENGERKE, RUDOLPH EMIL VON  | 1 Victoria Street, S.W.   |
|     | 1882 May 23.         | LESTER, EDWARD ROLLS .. ..   | 13 Whitefield Terrace, Plymouth.                                    |
|     | 1895 Mar. 5.         | *L'ESTRANGE, FRANCIS SAMUEL  | { 75 Watling Street Road, Fulwood,<br>Preston, Lancs.               |
|     | 1891 May 12.         | *LEVENTHORPE, JOHN BONFOY  | 11. S. King & Co., 9 Pall Mall, S.W.                                |
|     | 1900 Dec. 4.         | *LEWIS, ARTHUR WILFRID ..  | { Eng.'s Office, Castle Carrock, near<br>Carlisle.                  |
|     | 1888 Jan. 10.        | LEWIS, FRANK BECKET .. ..  | { City Architect, Guildhall, Notting-<br>ham.                       |



| Date of Election. | ASSOCIATE MEMBERS.                                       |   |
|-------------------|--|---|
| 1892 Jan. 12.     | LEWIS, HERBERT CLARK .. ..                               | {Hean Castle, Saundersfoot, Pem-<br>broke-shire.                  |
| 1889 Dec. 5.      | *LEWIS, JOHN HARRY .. ..                                 | Surveyor's Office, Blackwood, Mon.                                |
| 1900 Apr. 3.      | *LEWIS, RALPH MORGAN .. ..                               | Admiralty Harbour, Dover.   |
| 1893 Jan. 10.     | {LEWIS, WILLIAM THOMAS<br>WATKIN .. .. .}                | Eastbrook Hall, Dinas Powis, Glam.                                |
| 1902 Mar. 4.      | *LEWIS-DALE, HENRY ANGLE Y                               | Gleniffer, Stanley Road, Deal.                                    |
| 1888 Dec. 4.      | *LIBBIS, GEORGE HILDER .. ..                             | The Dunes, Fairhaven. Lanes.                                      |
| 1893 Dec. 5.      | *LIGHTBODY, ARTHUR EDWARD                                | {Rothersyke, Egremont, Cumber-<br>land.                           |
| 1902 Jan. 14.     | *LIGHTFOOT, CECIL .. .. .                                | 35 Queen Victoria Street, E.C.                                    |
| 1877 Dec. 4.      | LILLEY, THOMAS ISAAC .. ..                               | 3 Victoria Street, S.W.   |
| 1888 Feb. 7.      | LILLJEGVIST, JOHAN RUDOLF                                | Bengtsfors, Sweden.   |
| † 1889 May 7.     | {LINDESAY, CHARLES DE LA<br>POIRE CRAWFORD .. ..}        | The Byres, Ayres End Lane, St.<br>Albans.                         |
| 1879 Dec. 2.      | LINGING, FREDERICK EDWARD                                | 4 Kensington Court Gardens, W.                                    |
| 1892 Apr. 5.      | LINGWOOD, GEORGE .. .. .                                 | Waterworks, Barbados.   |
| 1902 Jan. 14.     | *LINSCOTT, ARTHUR BURROW ..                              | {Eng. Dept., South African College,<br>Cape Town.                 |
| 1905 Jan. 10.     | {*LINSKILL, WILLIAM ARTHUR,<br>M.Sc. (Victoria) .. .. .} | 9 Canada Dock, Liverpool.   |
| 1904 Jan. 12.     | LINTON, SAMUEL EDGAR ALBERT                              | P.W.D., Penang, S.S.  |
| 1906 Apr. 3.      | LINTON, WALTER .. .. .                                   | 7 Coltbridge Terrace, Edinburgh.                                  |
| 1890 May 6.       | LIPSCOMB, HERBERT NICHOLSON                              | Loco. Dept., Midland Ry., Liverpool.                              |
| 1886 Dec. 7.      | LISBOA, ALFREDO .. .. .                                  | Box 883, Rio de Janeiro.  |
| 1904 Apr. 12.     | LISMER, ALFRED BASS .. ..                                | Town Hall, Lower Edmonton, N.                                     |
| 1897 Mar. 2.      | LISTER, FRANCIS LIVERSEDGE                               | Waterworks, Bulawayo, S. Africa.                                  |
| 1898 Apr. 5.      | LISTER, FRANK SOMERSET .. ..                             | 53 Victoria Street, S.W.  |
| 1906 Mar. 6.      | *LISTER, JOHN EDWARD .. ..                               | 5 Priory Place, Sharrow, Sheffield.                               |
| 1878 May 28.      | LITCHFIELD, HENRY CHARLES                                | P.W.D., Kimberley, C.C.   |
| 1895 Dec. 3.      | LITTLE, ALBERT GEORGE .. ..                              | {Ry. Construction Branch, P.W.D.,<br>Sydney, N.S.W.               |
| 1885 Apr. 14.     | *LITTLE, CHRISTOPHER .. ..                               | P.W.D., Jorhat, Assam, India.                                     |
| 1903 Feb. 3.      | *LITTLE, MALCOLM .. .. .                                 | A. J. MacDermott, The Park, Kil-<br>larney.                       |
| 1902 Dec. 2.      | {LITTON, FRANCIS HENRY,<br>B.A.I. (Dubl.) .. .. .}       | {Fullarton, Hodgart & Barclay, Vul-<br>can Engine Works, Paisley. |
| 1899 Dec. 5.      | LIVERSEDGE, ALFRED JOHN .. ..                            | H.M.S. Triumph, Channel Fleet.                                    |
| 1891 Feb. 3.      | *LIVERSIDGE, JOHN GEORGE, R.N.                           | Apartado 566, Havana, Cuba.                                       |
| 1895 Apr. 2.      | *LIVESEY, ALFRED PERCIVAL ..                             | Bank House, Lewes Terrace, Hove,<br>Sussex.                       |
| 1893 Feb. 7.      | LIVINGSTONE, GEORGE .. ..                                | Montevideo, Uruguay.  |
| 1884 May 6.       | LLOBET, ANDRÉS .. .. .                                   | {Box 126, Lourenço Marquez, Delagoa<br>Bay, S.E. Africa.          |
| 1890 Jan. 14.     | *LLOYD, CHARLES VEREKER .. ..                            | c.o. H. S. King & Co., 65 Cornhill, E.C.                          |
| 1902 Apr. 8.      | LLOYD, CYRIL EDWARD .. ..                                | 13 Victoria Street, S.W.  |
| 1882 May 2.       | *LLOYD, GEORGE HAMILTON .. ..                            | {Pall Mall Deposit Co., St. Alban's<br>Place, Regent Street, S.W. |
| 1897 Feb. 2.      | *LLOYD, GUY ERNEST .. ..                                 | Davey, Paxman & Co., Colchester.                                  |
| 1900 Feb. 6.      | *LLOYD, HENRY GARDINER .. ..                             | 11 Chesterton Road, Plaistow, E.                                  |
| 1904 Dec. 6.      | LLOYD, RICHARD .. .. .                                   | {Chateau Margot, East Coast,<br>Demerara, British Guiana.         |
| m 1901 Apr. 2.    | *LLOYD-DAVIES, DAVID ERNEST                              | {Engineer's Dept., Council House,<br>Birmingham.                  |
| 1892 Mar. 1.      | *LOAM, MATTHEW .. .. .                                   | Moditonham, Hatt, Cornwall.                                       |
| 1899 Apr. 11.     | LOBLEY, FRANCIS JOSEPH .. ..                             | City Surveyor, Chichester.  |
| 1896 Dec. 1.      | *LOBNITZ, HENRY CALDER .. ..                             | Strule Farm, Billingshurst, Sussex.                               |
| 1886 May 4.       | LOCH, RICHARD .. .. .                                    | 45 New Walk, Leicester.   |
| 1896 Jan. 14.     | *LOCHHEAD, KERR, B.Sc. (Glas.)                           | Dorward Road, Montrose, N.B.                                      |
| 1901 Apr. 2.      | *LOCKET, ATHOL .. .. .                                   | {Jokai Tea Co., Panitola P.O.,<br>Dibrugarh, India. [S.W.         |
| 1886 Feb. 2.      | *LOCKHART, HAROLD EDWARD                                 | 72 Elmbourne Road, Upper Tooting,                                 |

| Date of Election. |          | ASSOCIATE MEMBERS.           |   |
|-------------------|----------|------------------------------|---|
| 1889              | Dec. 3.  | LOCKYER, JAMES EDWARD ..     | Coonoor, Nilgiris, Madras.  |
| 1898              | Mar. 1.  | LODDER, ERNEST .. .. .       | The Bungalow, River Don, Tasmania.  |
| 1865              | Feb. 7.  | LOEFFLER, JOHN CHARLES LEWIS | The Abbey, Campden Hill Rd., W.   |
| 1880              | Feb. 3.  | LOGAN, JOHN WILLIAM, M.P...  | Market Harborough.  |
| 1898              | Mar. 1.  | LOGIER, EUGENE ADOLPHE ..    | 23 Suffolk Street, Dublin.  |
| 1892              | May 3.   | LOMAX, CHARLES JAMES ..      | 37 Cross Street, Manchester.  |
| 1885              | May 5.   | LOMAX, WALTER JOHN ..        | 11 Fold Street, Bolton.   |
| 1893              | May 2.   | *LONG, FRANCIS MADDISON ..   | Electricity Co., Duke St., Norwich.   |
| 1897              | Apr. 6.  | LONG, RICHARD CHARLES ..     | 21 Fairacres Road, Oxford.  |
| 1905              | Dec. 5.  | LONGLAND, WALTER .. ..       | 19 Beresford Road, Canonbury, N.  |
| 1903              | Mar. 3.  | *LONGLEY, ROBERT JAMES ..    | { Dick, Kerr & Co., 234 High Street,<br>Dumbarton.  |
| 1882              | Dec. 5.  | LONGRIDGE, ROBERT CHARLES    | Kilrie, Knutsford.  |
| 1898              | Apr. 5.  | LORIMER, JOHN ALEXANDER      | Gt. Western Ry., Pernambuco, Brazil.  |
| 1891              | Jan. 13. | LOUCH, JOHN DA VINCI .. ..   | P.W.D., Auckland, N.Z.  |
| 1883              | Mar. 6.  | LOUTH, GEORGE EDWARD ..      | Eng.'s Office, G.W. Ry., Reading.   |
| 1896              | Feb. 4.  | LOVE, GEORGE RANKIN .. ..    | 7 Wellington Place, Guildford.  |
| 1884              | Mar. 4.  | *LOVEGROVE, CHARLES ARTHUR   | P.W.D., Colombo, Ceylon.  |
| B                 | 1902     | Dec. 2.                      | *LOWE, JAMES .. .. . { Gas Engineer's Office, 45 John<br>Street, Glasgow.                     |
|                   | 1890     | Dec. 2.                      | LOWRY, FREDERICK .. .. . Ravendale, Hornchurch, Essex.  |
|                   | 1892     | Dec. 6.                      | LUARD, EDWARD SYDNEY .. { Grindlay & Co., Parliament Street,<br>S.W.                          |
|                   | 1870     | Dec. 6.                      | LUCAS, ARTHUR .. .. . 27 Bruton Street, W.  |
|                   | 1902     | Dec. 2.                      | { *LUCAS, FREDERIC HORACE } Windermere, Laburnham Road,<br>FAVIELL .. .. . Maidenhead.        |
|                   | 1891     | Feb. 3.                      | LUCAS, SAMUEL ERNEST .. .. 29 York Crescent Rd., Clifton, Bristol.                            |
|                   | 1891     | Feb. 3.                      | *LUCY, WILLIAM THEODORE .. 107 Woodstock Road, Oxford.  |
|                   | 1888     | Feb. 7.                      | LUDBROOK, SAMUEL WILLIAM The Glen, Hornchurch, Essex.   |
|                   | 1891     | Dec. 1.                      | { LUFF, GEORGE ANDREW MID- } G.P.O., Wellington, N.Z.<br>DLEMISS .. .. .                      |
| †                 | 1882     | Dec. 5.                      | LUKIS, ERNEST DU BOIS .. .. Apartado 2543, Mexico City.                                       |
|                   | 1890     | Mar. 4.                      | LUMB, TOM GALLON .. .. . 24 Birley Street, Blackpool.   |
|                   | 1891     | Dec. 1.                      | LUND, ARTHUR .. .. . { 7 Victoria Terrace, Bromham Road,<br>Bedford.                          |
|                   | 1904     | Dec. 6.                      | *LUNDIE, CORNELIUS RONALD .. { Chief Surveyor's Office, Colombo,<br>Ceylon.                   |
|                   | 1883     | May 29.                      | *LUNGLEY, ARTHUR ROBERT .. Fulton & Co., Adelaide, S. Australia.                              |
|                   | 1891     | Jan. 13.                     | LUNN, ALFRED .. .. . Middle Level Drainage, March.  |
|                   | 1904     | Apr. 12.                     | { LYLE, GEORGE HERBERT, } Madras Ry. Co., Royapuram, Madras.<br>B.A.I. (Dubl.) .. .. .        |
|                   | 1892     | Jan. 12.                     | { LYNAM, FRANCIS JOHN, } Co. Surveyor's Office, Omagh, Tyrone.<br>B.E. (Royal) .. .. .        |
|                   | 1873     | May 6.                       | LYNCH, EDWARD JAMES .. .. { 45 Corrêa Dutra, Cattete, Rio de<br>Janeiro.                      |
|                   | 1885     | Feb. 3.                      | LYNDE, FREDERICK CHARLES ..   |
| †                 | 1899     | Apr. 11.                     | *LYNDE, GERALD GASCOIGNE .. { Buckland, Ashton - on - Mersey,<br>Cheshire.                    |
|                   | 1896     | Dec. 1.                      | *LYON, ERNEST .. .. . Calle de Blanco 279, Valparaiso,  |
|                   | 1858     | Feb. 2.                      | LYON, GEORGE .. .. . Valparaiso, Chile. [Chile.   |
|                   | 1892     | May 3.                       | { MACALLISTER, ROBERT JOHN } C. E. MacAllister, Eastridge Court,<br>DUDLEY .. .. . Ryde, I.W. |
|                   | 1895     | Feb. 5.                      | *MACANDREW, HAROLD .. .. . Box 4843, Johannesburg, Transvaal.                                 |
|                   | 1882     | Apr. 4.                      | MCAARTHUR, DUNCAN WILLIAM { Boro' Engineer, Waihi, Auckland,<br>N.Z.                          |
|                   | 1883     | Dec. 4.                      | MACBEAN, MALCOLM ÆNEAS Office of Public Works, Glasgow.                                       |
|                   | 1887     | Feb. 1.                      | MCBEATH, ALEXANDER GORDON Montague Road, Sale.  |
|                   | 1890     | May 6.                       | MACBETH, JOHN BRUCE KING 44 Tamarind Lane, Bombay.  |
|                   | 1898     | Feb. 1.                      | { MACCARTHY, JOHN LEADER, } Price, Wills & Reeves, Bombay.<br>B.A., B.E. (Royal) .. .. .      |

Date of  
Election.

## ASSOCIATE MEMBERS.

|                 |   |   |
|-----------------|---|---|
| 1898 Dec. 6.    | McCAY, SAMUEL, B.E. ( <i>Royal</i> )                            | { Dick, Kerr & Co., 41A John Bright Street, Birmingham.               |
| 1900 Apr. 3.    | { *McCLEAN, WILLIAM NEWSAM,<br>M.A. ( <i>Cantab.</i> ) .. .. }  | 42 Durdham Park, Bristol.   |
| 1890 Feb. 4.    | McCLEW, WILLIAM CHARLES   | Erin View, Portpatrick, N.B.  |
| 1905 Dec. 5.    | { *McCLURE, ANDREW,<br>B.A. ( <i>Oxon.</i> ) .. .. }            | 99 Woodside, Wimbledon, S.W.  |
| 1892 Dec. 6.    | *McCOWAT, GEORGE HUTCHESON                                      | { 8 Regent's Park Square, Strathbungo,<br>Glasgow.                    |
| 1901 Feb. 5.    | McCROSKY, JAMES WARREN ..                                       | { J. G. White & Co., 22A College Hill,<br>Cannon Street, E.C.         |
| 1875 Jan. 12.   | McCULLOCH, ALEXANDER ..   | 25 Gayfield Square, Edinburgh.  |
| 1904 Dec. 6.    | *McDERMOTT, OWEN LEONARD  | 16 Watt's Avenue, Rochester, Kent.                                    |
| 1902 Dec. 2.    | MACDONALD, ARTHUR CAMERON                                       | Casilla 942, Valparaiso, Chili.                                       |
| 1876 May 30.    | MACDONALD, AUGUSTUS VANZANDT                                    | Ry. Dept., Auckland, N.Z.   |
| 1881 May 31.    | MACDONALD, DONALD .. ..   | { Kimberley Waterworks Co., 20-21<br>Laurence Pountney Lane, E.C.     |
| 1888 Dec. 4.    | MACDONALD, DONALD GRANT   | Urban District Council, Rugby.  |
| 1896 Dec. 1.    | MACDONALD, DUNCAN KENNEDY                                       | D.P.W., Akyab Division, Burma.  |
| m 1902 Jan. 14. | *McDONALD, EDWARD SLATER  | { Waterford & Rosslare Ry., Wellington<br>Bridge, co. Wexford.        |
| 1892 Mar. 1.    | *MACDONALD, MURDOCH .. ..                                       | Nile Reservoir, Assouan, Egypt.                                       |
| 1904 Dec. 6.    | *McDONALD, THOMAS JAMES ..                                      | { City & S. Lond. Ry., Contractor's<br>Office, 195 Clapham Road, S.W. |
| 1904 Dec. 6.    | *MACDONELL, OLIVER STEPHEN                                      | { e.o. The Burma Ry. Co., Rangoon,<br>Burma.                          |
| 1904 Dec. 6.    | { McDONNELL, JOHN,<br>B.A. ( <i>Cantab.</i> ) .. .. }           | Melbourne House, Stretford, Manchester.                               |
| 1897 Mar. 2.    | MACDOUGALL, ALEXANDER, JUNI.                                    | Oakhurst, Westcombe Park, S.E.  |
| 1905 Apr. 4.    | { *MACDOUGALL, DUNCAN ALEX-<br>ANDER .. .. }                    | Res. Eng., Trans. Ry., Dugald P.O.,<br>viâ Winnipeg, Manitoba.        |
| 1896 Mar. 3.    | { MACDOUGALL, JAMES,<br>B.A. ( <i>Toronto</i> ) .. .. }         | Court House, Adelaide Street East,<br>Toronto, Canada.                |
| 1899 Jan. 10.   | { MACDOUGALL, PERCY RAYMOND,<br>M.A. ( <i>Cantab.</i> ) .. .. } | Mayfield, Oxford Road, Dewsbury.                                      |
| 1885 Feb. 3.    | McEWEN, THOMAS SMITH ..   | Govt. Rys., Cape Town, C.C.   |
| 1904 Mar. 1.    | { *McFADYEAN, WILLIAM MAT-<br>THEWS .. .. }                     | Royal Edward Dock, Avonmouth,<br>Bristol.                             |
| 1897 Jan. 12.   | { *MACFARLANE, RIENZI WAL-<br>TON .. .. }                       | San Julian, viâ Parral, Chichuahua,<br>Mexico.                        |
| 1884 Dec. 2.    | { *MACFARLANE, THOMAS JOHN<br>MALCOLM .. .. }                   | Box 1198, Johannesburg, Transvaal.                                    |
| † 1883 Dec. 4.  | MAGEORGE, LESLIE DUNCAN   | High Street, Dunedin, N.Z.  |
| 1905 Dec. 5.    | McGLASHAN, GEORGE DUNCAN  | { Harbour Office, Blyth, Northumber-<br>land.                         |
| 1890 Dec. 2.    | { McGLASHAN, PATRICK BLACK-<br>STOCK .. .. }                    | Gatehouse, Kirkcudbrightshire.  |
| 1879 Feb. 4.    | MACGREGOR, ALFRED ALEXANDER                                     | { Glencairn, Gatley Road, Cheadle,<br>Cheshire. [S.W.]                |
| 1876 May 27.    | *MACGREGOR, ALEXANDER ..  | 3 Collingham Gardens, Kensington,                                     |
| 1906 Apr. 3.    | McGREGOR, JAMES .. ..   | Barochan, Houston, Renfrewshire.                                      |
| 1904 Jan. 12.   | { *McGREGOR, STUART WILLIAM<br>BUCHANAN .. .. }                 | 5 Budge Row, E.C.   |
| 1894 Jan. 9.    | *McGUIRE, JAMES CLARK ..  | 26 Cortlandt Street, New York, U.S.                                   |
| 1893 Apr. 11.   | *McINTOSH, HORACE ARTHUR ..                                     | F. C. Central, Montevideo.  |
| 1904 Apr. 12.   | { MACINTOSH, JAMES RAE,<br>B.Sc. ( <i>Glas.</i> ) .. .. }       | 10 Victoria Avenue, Surbiton.   |
| 1891 Jan. 13.   | { *MACINTYRE, JAMES GILBERT<br>STEVENSON .. .. }                | 21 Kenilworth Road, Ealing, W.  |
| 1905 Apr. 4.    | McKAY, BLAIR .. ..  | { 605 Wellington Street, Perth,<br>Western Australia.                 |
| m 1880 May 4.   | *MACKAY, JOHN CHARLES ..  | Llanwy, Hampton Park, Hereford.                                       |
| 1905 Feb. 7.    | *MACKAY, JOHN MITCHELL ..                                       | P.W.D., Nasik, Bombay.  |



| Date of Election. |     | ASSOCIATE MEMBERS.  |  |
|-------------------|-----|---|--|
| 1905 Feb.         | 7.  | { MCKAY, MAURICE SIMEON, }<br>B.A., B.A.I. ( <i>Dubl.</i> ) .. .. }   | F.-C. G.O.A., Mendoza, Argentina.                          |
| 1900 Feb.         | 6.  | *MACKAY, ROBERT GORDON .. ..  | Nürnbergstrasse 16. I., Berlin.                            |
| 1906 Feb.         | 6.  | MCKAY, ROBERT THOMAS .. ..  | { Public Works Department, Sydney,<br>N.S.W.               |
| 1900 Dec.         | 4.  | { *MACKENZIE, ALEXANDER }<br>RODERICK .. .. .. }                      | c/o Eng.-in-Chief, Natal Govt. Rys.,<br>Maritzburg, Natal. |
| 1900 Apr.         | 3.  | MACKENZIE, ARTHUR CECIL .. ..   | { Engineer's Office, Harbour Trust,<br>Geelong, Victoria.  |
| 1890 Dec.         | 2.  | *MACKENZIE, JAMES .. .. .   | { Govt. Rys., Engineer's Office, Cape<br>Town.             |
| 1894 Feb.         | 6.  | *McKENZIE, LESSEL STEPHEN .. ..                                       | City Engineer's Office, Bristol.                           |
| 1889 Dec.         | 3.  | MACKENZIE, THOMAS KENNETH .. ..                                       | Box 1876, Johannesburg, Transvaal.                         |
| 1892 Dec.         | 6.  | { MACKENZIE - RICHARDS, PETER }<br>FELIX .. .. .. }                   | 53 Victoria Street, S.W.                                   |
| 1877 Mar.         | 6.  | MACKIE, CHARLES HASTINGS .. ..  | 58 Cranley Gardens, Muswell Hill, N.                       |
| 1900 Dec.         | 4.  | { *MACKILLOP, GARDINER }<br>HENDERSON, B.Sc. ( <i>Glas.</i> ) .. .. } | G.W.Ry., High Wycombe.                                     |
| 1885 May          | 19. | *MACKINLAY, FREDERICK .. .. .   | Calle Ayacucho 1505, Buenos Aires.                         |
| 1900 Jan.         | 9.  | { MACKISON, JAMES WALLS, }<br>B.Sc. ( <i>Edin.</i> ) .. .. .. }       | 8 Constitution Terrace, Dundee.                            |
| 1899 Dec.         | 5.  | { MACKISON, WILLIAM MAXWELL, }<br>B.Sc. ( <i>Edin.</i> ) .. .. .. }   | Colonial Engineer, Antigua, West<br>Indies.                |
| 1880 Dec.         | 7.  | *MACLACHLAN, ALEXANDER .. ..  | { 5 East Trinity Road, Trinity, Edin-<br>burgh.            |
| 1906 Feb.         | 6.  | { MACLACHLAN, DUNCAN ROBERT, }<br>B.Sc. ( <i>Glas.</i> ) .. .. .. }   | Headingley Mount, Headingley,<br>Leeds.                    |
| 1904 Dec.         | 6.  | MACLACHLAN, GEORGE .. .. .  | 266 Elgin Avenue, Maida Vale, W.                           |
| 1906 Apr.         | 3.  | { MACLACHLAN, JOHN SINCLAIR, }<br>B.A., B.E. ( <i>Royal</i> ) .. .. } | Kincasslagh, co. Donegal.                                  |
| 1884 Dec.         | 2.  | *McLAREN, RAYNES LAUDER .. ..   | 11 Amherst Avenue, Ealing, W.                              |
| 1906 Apr.         | 3.  | { McLAUGHLIN, REGINALD }<br>GEORGE .. .. .. }                         | 139 Chorley New Road, Horwich.                             |
| 1894 Dec.         | 4.  | { MACLEAN, CHARLES STEWART }<br>DOUGLAS .. .. .. }                    | Eng.'s Office, Midland Ry., Derby.                         |
| 1901 Apr.         | 2.  | MACLEAN, JOHN .. .. .   | { 50 Wellwood Road, Goodmayes,<br>Ilford, Essex.           |
| 1902 Dec.         | 2.  | *MACLEAN, JOHN MACGAVIN .. ..   | { Dock Engineer's Office, Cumberland<br>Basin, Bristol.    |
| 1901 Feb.         | 5.  | { McLEAN, JOHN ROWLAND }<br>JONES .. .. .. }                          | Allandale, Bridge of Allan, N.B.                           |
| 1906 Apr.         | 3.  | MACLEAN, JOSEPH MITCHEL .. ..   | 2 Wellington Place, Leith.                                 |
| 1903 Apr.         | 7.  | *McLEAN, WILLIAM HANNAH .. ..   | Gordon College, Khartoum.                                  |
| 1889 May          | 21. | *MACLELLAN, WILLIAM TURNER .. ..                                      | { 129 Trongate, Glasgow. (MacLellan,<br>Glasgow.)          |
| 1879 Feb.         | 4.  | MACLENNAN, JOSEPH .. .. .   | { Portugalete, Bilbao, Spain. (Mac-<br>Lennan, Bilbao.)    |
| 1905 Mar.         | 7.  | *MACLEOD, HUGH TORQUIL .. ..  | Sheringa, Coomla, S. Canard, India.                        |
| 1876 Dec.         | 5.  | *MACMAHON, HENRY EUGENE .. ..   | { Leadmore, Branksome Wood Road,<br>Bournemouth.           |
| 1889 Dec.         | 3.  | McMAKING, THOMAS .. .. .  | 96 St. Andrew's Road, Southsea.                            |
| 1893 May          | 16. | McMILLAN, HENRY .. .. .   | R. M. Railway, Bandikui, India.                            |
| 1894 Jan.         | 9.  | *McMILLAN, JAMES PETER .. ..  | { Waterworks, Graaf Reinet, Cape<br>Colony.                |
| 1884 May          | 6.  | McMINN, ARTHUR CHARLES .. ..  | Gas L. & C. Co., Kensal Green, W.                          |
| 1906 Apr.         | 3.  | *McMURDO, ARCHIBALD HUGH .. ..  | { Engineer's Office, St. Enoch Station,<br>Glasgow.        |
| 1891 Feb.         | 3.  | { *McMURTRIE, GEORGE EDWIN }<br>JAMES .. .. .. }                      | Radstock, near Bath.                                       |
| 1897 Dec.         | 7.  | McNEILL, BEDFORD .. .. .  | 25A Old Broad Street, E.C.                                 |
| 1893 May          | 2.  | McNEILL, WILLIAM .. .. .  | { 10 Lower Road West, St. Leonards-<br>on-Sea.             |

Date of  
Election.

## ASSOCIATE MEMBERS.

|                  |  |   |
|------------------|--|---|
| 1897 Jan. 12.    | McNELLAN, JAMES EDWARD ..                                  | Alloa, Clackmannan, N.B.  |
| 1896 Feb. 4.     | MACPHERSON, MALCOLM .. ..                                  | { Eng.'s Office, St. Enoch Station,<br>Glasgow.   |
| 1905 Dec. 5.     | McQUEEN, EDWIN DONALD ..                                   | 83 Tuam Road, Plumstead, S.E.   |
| 1894 May 1.      | { McQUEEN, WILLIAM TEMPLE,<br>B.Sc. (Glas.) .. .. }        | Engineering Dept., State Rys., Cairo.   |
| 1902 Feb. 4.     | *McRITCHIE, CHARLES BELL ..                                | { Heritier Buildings, Jeppe Street,<br>Johannesburg, Transvaal.                         |
| 1892 May 3.      | MACRONE, GRIEVE .. ..                                      | { Grand Trunk Pacific Ry., Fort<br>William, Ontario, Canada.                            |
| 1902 Dec. 2.     | { *MACTAGGART, JOHN NORMAN<br>CAMPBELL, B.E. (Sydney) .. } | Metropolitan Board of Water Supply,<br>Sydney, N.S.W. [W.]                              |
| 1892 May 24.     | *MADDOCK, PERCY WALTER ..                                  | Eng.'s Office, G.W.Ry., Paddington,   |
| 1899 Feb. 7.     | { *MADDOCKS, ARTHUR PERCY,<br>B.Sc. (Birmingham) .. .. }   | 48 Nottingham Road, Spondon, Derby.   |
| 1904 Jan. 12.    | MAGER, FREDERICK WALTER                                    | P.W.D., Kuala Lumpur, Selangor, S.S.  |
| 1891 Jan. 13.    | MAGINNIS, JAMES PORTER ..                                  | { 11 Carteret Street, Westminster, S.W.<br>(P.O. Victoria 192.)                         |
| 1884 Apr. 1.     | MAHONY, FRANCIS RONAN ..                                   | { Water Supply Office, Ballarat,<br>Victoria.   |
| 1902 Jan. 14.    | *MAIR, GEORGE PASCOE .. ..                                 | 7 Dean's Yard, Westminster, S.W.  |
| 1891 Apr. 1.     | *MAIS, CHARLES LESLIE STEWART                              | 10 Harbor St., Kingston, Jamaica.   |
| 1896 Dec. 1.     | MAKINSON, THOMAS HENRY ..                                  | G.C. Ry., Waterloo, Liverpool.  |
| 1899 Jan. 10.    | MALCOLM, JOHN, B.Sc. (Glas.)                               | 6 Waterloo Place, S.W.  |
| ✠ 1891 Dec. 1.   | *MALCOLMSON, JAMES WADDELL                                 | Box 327, El Paso, Texas, U.S.   |
| 1901 Mar. 5.     | *MALIM, JOHN CHARLES . . .                                 | { Works Dept., H.M. Dockyard,<br>Gibraltar.   |
| 1899 Dec. 5.     | { *MALLAGH, JOSEPH,<br>B.A., B.E. (Royal) .. .. }          | Harbour Engineer, Sligo, Ireland.   |
| 1889 Dec. 3.     | MALLALIEU, FRANCIS MAYALL                                  | Box 715, Johannesburg, Transvaal.   |
| 1894 Dec. 4.     | MALSCH, CHARLES CHRISTIAN ..                               | { 44 Beaufort Road, Kingston-on-<br>Thames.   |
| 1904 Apr. 19.    | MALTBY, FREDERIC THOMAS ..                                 | South Street, Dorchester.   |
| 1906 Feb. 6.     | { *MANN, ERNEST EDWIN,<br>B.Sc. (Victoria) .. .. }         | Hillside, Highelere Road, Bassett,<br>Southampton.                                      |
| 1894 Apr. 3.     | MANN, GEORGE .. ..   | 10 Polmuir Road, Aberdeen.  |
| 1891 May 5.      | MANN, JABEZ .. ..  | Sevenoaks.  |
| 1886 Jan. 12.    | MANN, JOHN RANDALL .. ..                                   | { The Homestead, Woodlands Grove,<br>Isleworth, Middlesex.                              |
| 1905 Dec. 5.     | *MANN, THOMAS HOWELLS ..                                   | Royal Chambers, Park Place, Cardiff.  |
| 1895 May 21.     | MANNING, WILLIAM ROBERT ..                                 | { 25 Baskerville Road, Wandsworth<br>Common, S.W.                                       |
| 1898 Dec. 6.     | MANSEL, ROBERT .. ..                                       | Umbilo P.O., Durban, Natal.   |
| 1897 Jan. 12.    | *MANSERGH, WALTER LEAHY ..                                 | Elm Bank, Frogual Lane, N.W.  |
| 1904 Jan. 12.    | MANSFIELD, JAMES FRANCIS ..                                | { Central London Ry., Shepherd's<br>Bush Depôt, W.                                      |
| 1881 Feb. 1.     | *MANWARING, HENRY HARE ..                                  | 107 Manor Road, Brockley, S.E.  |
| 1883 May 1.      | *MARJORIBANKS, DUDLEY SINCLAIR                             |   |
| 1893 Jan. 10.    | *MARKBY, WALTER .. ..                                      | 24 Westbourne Terrace Road, W.  |
| 1903 Apr. 7.     | *MARKHAM, CECIL CARY .. ..                                 | 7 Houndgate, Darlington.  |
| 1892 Dec. 6.     | { *MARKS, EDWARD CHARLES<br>ROBERT .. .. }                 | 13 Temple Street, Birmingham.   |
| t ✠ 1884 Mar. 4. | *MARKS, GEORGE CROYDON ..                                  | { 18 Southampton Buildings, Chancery<br>Lane, W.C. (Abecedary, London,<br>Holborn 836.) |
| 1901 Dec. 3.     | MARRIAN, ARTHUR EDWARD ..                                  | { Works Dept., H.M. Dockyard, Gib-<br>raltar.   |
| 1887 Feb. 1.     | *MARRIAN, FREDERIC YORK ..                                 | 5 Prince's Parade, Muswell Hill, N.   |
| 1904 Apr. 12.    | *MARRIAN, HAROLD GREENWOOD                                 | { City Surveyor's Office, Town Hall,<br>Manchester.                                     |
| 1894 Dec. 4.     | { *MARRINER, WILLIAM WRIGHT,<br>B.Sc. (Leeds) .. .. }      | Park View, Croom's Hill, Green-<br>wich, S.E.   |

| Date of Election. | ASSOCIATE MEMBERS.                                   |  |
|-------------------|--|--|
| 1905 Dec. 5.      | MARRIOTT, LESLIE JOHN ..                             | { 28 Leinster Gardens, Lancaster Gate, W.                          |
| 1886 Dec. 7.      | *MARSHALL, HERBERT AUGUSTUS                          | { Châlet des Grands-Vignes, Sathonay, Ain, France.                 |
| 1889 May 7.       | MARSHALL, JENNER GUEST ..                            | { Tyndall Works, Sloane Street, Birmingham.                        |
| 1902 Jan. 14.     | *MARSHALL, JOHN SCOTT .. ..                          | { Dick, Kerr & Co., 6 The Crescent, Garratt Lane, Earlsfield, S.W. |
| 1888 May 15.      | MARSTON, CHARLES FREDERICK                           | { Masonic Hall Chambers, Sutton Coldfield.                         |
| 1892 May 24.      | *MARSTON, EDWARD HOWIS ..                            | 92 Croydon Road, Beckenham, S.E.                                   |
| 1893 Dec. 5.      | MARTEN, HENRY .. ..                                  | Southgate House, Devizes, Wilts.                                   |
| 1884 May 27.      | *MARTEN, HENRY JAMES .. ..                           | { Surveyor's Office, 215 Balham High Road, S.W.                    |
| 1896 Dec. 1.      | *MARTIN, ERNEST BRANWHITE                            | Deputy City Eng., Leeds.   |
| 1893 Apr. 11.     | *MARTIN, ERNEST METEOR ..                            | Hanwell, W.  |
| 1901 Dec. 3.      | MARTIN, ERNEST SYDNEY ..                             | Jackson House, Calcutta.   |
| 1878 Feb. 5.      | MARTIN, GEORGE .. ..                                 | { 20 St. Stephen's Road West, Ealing, W.                           |
| 1893 Dec. 5.      | MARTIN, GEORGE HENRY ..                              | { 11 Bayham Road, Rusthall Avenue, Turnham Green, W.               |
| 1904 Jan. 12.     | { *MARTIN, GEORGE THOMAS<br>BARNES .. ..             | Caixa 403. Rio de Janeiro, Brazil.                                 |
| 1905 Dec. 5.      | *MARTIN, HENRY THORPE ..                             | { Assam-Bengal Railway, Double Moorings, Chittagong, India.        |
| 1887 Dec. 6.      | MARTIN, JOSEPH ERNEST ..                             | Nizam's Ry., Secunderabad, India.                                  |
| 1903 Apr. 7.      | { *MARTIN, ROBERT EDMUND,<br>M.A. (Cantab.) .. ..    | The Brand, Loughborough.   |
| 1877 Mar. 6.      | MARTIN, THOMAS HENRY ..                              | New Barnet, Herts.   |
| 1903 Apr. 21.     | { *MARTIN, VINCENT JOSEPH,<br>M.Sc. (Victoria) .. .. | P.W.D., Singapore, S.S.  |
| 1886 May 18.      | MARTIN, WILLIAM JAMES ..                             | { Aguas Corrientes, Rosario de Santa Fé, Argentina.                |
| 1888 Dec. 4.      | *MARTINDALE, WARINE BEN HAY                          | { Haistwell House, Sunningdale, Berks.                             |
| 1890 Dec. 2.      | *MARTINEAU, HOWARD .. ..                             | { Thistlehurst, Westerfield Road, Ipswich.                         |
| 1893 Mar. 7.      | *MARTIN-LEAKE, RICHARD ..                            | Marshalls, Ware, Herts.  |
| ✠ 1888 Dec. 4.    | *MARTIN-LEAKE, STEPHEN ..                            | Marshalls, Ware, Herts.  |
| 1880 Dec. 7.      | MARTYN, GEORGE VALENTINE                             | 6 West Cliff Terrace, Ramsgate.                                    |
| 1906 Apr. 3.      | MARWOOD, HAROLD CUTHBERT                             | { Resident Engineer's Office, 328 Queen's Road, Battersea, S.W.    |
| 1905 Dec. 5.      | *MASON, ARNOLD STEWART ..                            | Corporation Waterworks, Liverpool.                                 |
| 1899 Dec. 5.      | MASON, ARTHUR JOSEPH ..                              | { Town Eng. & Surveyor's Office, Swadlincote, Burton-on-Trent.     |
| 1887 May 3.       | MASON, CHARLES .. ..                                 | Foster & Pearson, Beeston, Notts.                                  |
| 1897 Mar. 2.      | MASON, CHARLES GEORGE ..                             | Boro' Surveyor, Guildford.   |
| 1898 Dec. 6.      | MASON, WILLIAM, B.Sc. (Victoria)                     | { Walker Engineering Laboratories, University, Liverpool.          |
| 1877 Dec. 4.      | *MASON, WILLIAM JOSHUA ..                            | Woodville, Lovelace Road, Surbiton.                                |
| 1881 May 31.      | MASSEY, JOHN DUNHAM .. ..                            | 8 Princes Street, E.C.   |
| 1901 Apr. 2.      | *MASTER, ROBERT CREASY ..                            | { Master & Ashcroft Bros., Ramah, via Wingate, New Mexico, U.S.    |
| 1884 Feb. 5.      | MASTERMAN, CHARLES EDWARD                            | 28 Victoria Street, S.W.   |
| 1904 Jan. 12.     | MASTERMAN, SIDNEY WILLIAM                            | { Royal Survey Dept., Bangkok, Siam.                               |
| m ✠ 1896 Dec. 1.  | *MATHESON, EDWARD EWING ..                           | 31 Clarendon Road, Leeds.  |
| 1892 May 24.      | MATHEW, CHARLES .. ..                                | Boro' Surveyor, Ryde, I.W.   |
| 1900 Feb. 6.      | MATHEWS, CHARLES JAMES ..                            | { Chief Inspector of Machinery, Perth, Western Australia.          |
| 1893 Jan. 10.     | MATHEWS, GEORGE SOMERS ..                            | District Council, Dorking.   |
| 1902 Dec. 2.      | *MATHIESON, JAMES GRAY ..                            | { Bryn Coed, Crescent Road, Chingford.                             |



| Date of Election. | ASSOCIATE MEMBERS.  |   |
|-------------------|---|---|
| 1905 Mar. 7.      | *MATTHEW, FRANK HENRY ..  | 12 Windermere Street, Gateshead.                              |
| 1895 Dec. 3.      | {*MATTHEWS, ARTHUR BRINCKEN, }<br>B.A. ( <i>Cantab.</i> ) .. .. . } | 10 Denbigh Place, St. George's Road, S.W.                     |
| 1906 Apr. 3.      | MATTHEWS, ERNEST ROMNEY   | Borough Engineer, Bridlington.                                |
| 1893 Dec. 5.      | *MATTHEWS, JAMES NEWSOME ..   | Boro' Engineer's Office, Salford.                             |
| 1904 Dec. 6.      | MATTHEWS, RICHARD BORLASE   | { Edison Electric Light and Power Co., Amsterdam, N.Y., U.S.  |
| m 1905 Apr. 4.    | *MATTHEWS, THOMAS LEIGH ..  | 9 Victoria Street, S.W.                                       |
| 1877 Mar. 6.      | {*MATTHEWS, WILLIAM MAC- }<br>DONALD .. .. . }                      | 22 Broadwater Down, Tunbridge Wells.                          |
| 1904 Apr. 12.     | MATTINSON, HENRY .. ..  | 55 Piccadilly, Manchester.                                    |
| 1888 May 1.       | *MATTOS, ALVARO GOMES DE ..   | 98 Rua da Saude, Rio de Janeiro.                              |
| 1903 Feb. 3.      | MAUGHAN, NICHOLAS .. ..   | Municipal Offices, Bombay.                                    |
| 1894 Mar. 6.      | MAULDIN, PAMPLIN JOHN ..  | 99 St. Leonards Road, Hove.                                   |
| 1902 Jan. 14.     | {*MAURICE, CHARLES JAMES }<br>KINDERSLEY .. .. . }                  |   |
| 1894 May 22.      | *MAWSON, MATTHEW .. ..  | 23 Bingham Road, Croydon.                                     |
| 1885 Apr. 14.     | *MAXTED, GEORGE VINCENT ..  | { Westfield, Cliff Lane, Hornsea, Yorks.                      |
| 1902 Apr. 8.      | {MAXWELL, JAMES THOMSON, }<br>B.Sc. ( <i>Edin.</i> ) .. .. . }      | East Indian Ry., Calcutta.                                    |
| 1900 Mar. 6.      | MAXWELL, WILLIAM HENRY ..   | Town Hall, Tunbridge Wells.                                   |
| 1876 Mar. 7.      | MAY, JAMES GEORGE .. ..   | { 72 Bensham Manor Road, Thornton Heath, Surrey.              |
| 1892 May 3.       | *MAY, JOHN .. .. .  | { Newlands, Copers Cope Road, Beckenham.                      |
| 1884 May 27.      | MAY, THOMAS .. .. .   | Gasworks, Richmond, Surrey.                                   |
| 1890 Jan. 14.     | *MAY, WALTER EDWARD ..  | { Director of Roads and Bridges, Sierra Leone, W. Africa.     |
| 1866 Mar. 6.      | {MAYER, EDWARD ADOLPHUS }<br>FENWICK .. .. . }                      |   |
| 1893 Jan. 10.     | *MAYES, ARTHUR ERNEST ..  | P.W.D., Colombo, Ceylon.                                      |
| 1899 Dec. 5.      | *MAYES, GEORGE RICHARD ..   | Wynnstay Collieries, Ruabon.                                  |
| 1889 Dec. 3.      | MAYLOR, WILLIAM, JUN. ..  | { The Grange, Hanley Swan, Worcestershire.                    |
| 1890 May 6.       | {*MAYNARD, JOHN CLARKSON }<br>PHILLIPS .. .. . }                    | Wolhuterskop, Pretoria, Transvaal.                            |
| 1871 Mar. 7.      | MEAGHER, JAMES JOSEPH ..  | St. Lucia, West Indies.                                       |
| 1896 Feb. 4.      | MEDLICOTT, JOHN HENRY ..  | { c.c. Macfadyen & Co., Winchester House, E.C.                |
| 1906 Apr. 3.      | MEDLOCK, ARTHUR CHARLES   | { N.E.R., Forth Banks, Newcastle-on-Tyne.                     |
| 1901 Jan. 8.      | MEGAW, DAVID, B.E. ( <i>Royal</i> )                                 | County Surveyor's Office, Belfast.                            |
| 1883 May 29.      | MELBEK, JOSEPH .. ..  | 13 Victoria Street, S.W.                                      |
| 1894 Mar. 6.      | {*MEISCHKE-SMITH, WILLIAM, }<br>M.Sc. ( <i>Victoria</i> ) .. .. . } | 290 Rue de Bruxelles, Uccle, Brussels.                        |
| 1897 Apr. 6.      | *MELDRUM, JAMES .. ..   | Shire Engineer, Numurkah, Victoria.                           |
| 1905 Apr. 4.      | { MELLISS, HUGH JOHN, }<br>B.A. ( <i>Cantab.</i> ) .. .. . }        | Denewood, Hollycroft Avenue, Hampstead, N.W.                  |
| 1905 Jan. 10.     | { MELLOR, ALFRED AYRE, }<br>M.Sc. ( <i>Victoria</i> ) .. .. . }     | Meliden, Shirley Road, Acock's Green, Birmingham.             |
| 1905 Apr. 1.      | *MELLOR, ARTHUR LEES ..   | Meols Hall, Southport.  |
| 1893 May 16.      | { MELLOR, THOMAS EDWARD }<br>WHEATLEY .. .. . }                     | Withington, Boyne Park, Tunbridge Wells.                      |
| 1894 Feb. 6.      | { MELVILL, EDWARD HARKER }<br>VINTCENT .. .. . }                    | Box 719, Johannesburg, Transvaal.                             |
| 1899 Apr. 11.     | MENMUIR, ROBERT WILLIAM ..  | Town Hall, Woodstock, Cape Colony.                            |
| 1874 Feb. 3.      | MENZIES, JOHN .. ..   | Menai Bank, Carnarvon.  |
| 1883 Dec. 4.      | *MERCER, GEORGE BARKER ..   | { 43 Pembroke Place, Liverpool (Arrenpee, Liverpool.)         |
| 1889 Dec. 3.      | MERCER, WILLIAM ALEXANDER   | { 85 London Wall, E.C. (Merceranco, London. London Wall 406.) |

|      | Date of Election. | ASSOCIATE MEMBERS.                                       |   |
|------|-------------------|--|---|
|      | 1893 May 2.       | MERCIECA, VINCENZO .. ..                                 | San Paolo 232, Valetta, Malta.  |
|      | 1891 May 5.       | MEREDITH, WILLIAM MAXSE ..                               | 2 Whitehall Gardens, S.W.   |
|      | 1898 Dec. 6.      | MERRICKS, FRANK .. ..                                    | { 5 & 6 Great Winchester Street, E.C.<br>(Docimology, London.)                    |
|      | 1891 Apr. 7.      | MESSINGER, THOMAS .. ..                                  | Greeba, Matham Road, E. Molesey.  |
|      | 1895 Apr. 2.      | { MESSER, WILLIAM ALFRED .. ..<br>SABINE .. ..           | 9 Cambridge Road, Lee, S.E.   |
|      | 1892 Feb. 2.      | METCALF, JOHN WILLIAM ..                                 | Town Surveyor, Newmarket.   |
| in ✕ | 1888 May 15.      | *METCALFE, ARTHUR WHARTON ..                             | 82 High Street, Wells, Somerset.  |
|      | 1905 Apr. 4.      | *METCALFE, HENRY ERNEST ..                               | The Elms, Ringwood, Hants.  |
|      | 1904 Dec. 6.      | { METCALFE, JAMES CROXON .. ..<br>B.Sc. (Victoria) .. .. | Sheen Bank, Fallowfield, Manchester.  |
|      | 1901 Feb. 5.      | MEYRICK, WILLIAM HENRY ..                                | { Engineer's Office, L. & S. W. Ry.,<br>Waterloo, S.E. [Chili.                    |
|      | 1897 Mar. 2.      | MICHAEL, FREDERICK .. ..                                 | Tarapaca Waterworks Co., Iquique,   |
|      | 1889 Jan. 8.      | *MIDDLEMIST, HENRY WARD ..                               | { F. I. Middlemist, Honiton School,<br>Honiton, Devon.                            |
|      | 1900 Dec. 4.      | { MIDDLETON, JOHN HARRISON .. ..<br>B.A.I. (Dubl.) .. .. | 52 Landsdowne Road, Dublin.   |
|      | 1892 Feb. 2.      | MIDDLETON, RICHARD HENRY                                 | Borough Engineer, Walsall.  |
| m    | 1899 Dec. 5.      | *MIDDLETON, WILLIAM .. ..                                | { Christy Brothers and Middleton,<br>Chelmsford.                                  |
|      | 1905 Dec. 5.      | { MIDGLEY, HAROLD EDWARD .. ..<br>M.A. (Cantab.) .. ..   | Blenheim, Erith Road, Erith.  |
|      | 1892 Dec. 6.      | MILBOURNE, ROBERT JOHN ..                                | Muxton, near Newport, Shropshire.   |
|      | 1893 Mar. 7.      | *MILDRED, CHARLES .. ..                                  | c.o. H. S. King & Co., 9 Pall Mall, S.W.  |
| t ✕  | 1902 Apr. 8.      | *MILLAR, ALEXANDER .. ..                                 | { L.C.C., Res. Eng.'s Office, 63 Cam-<br>bridge Mansions, Battersea Park,<br>S.W. |
|      | 1904 Dec. 6.      | MILLAR, ROBERT .. ..                                     | Railway Dept., Normanton, Queens-   |
|      | 1904 Jan. 12.     | *MILLER, ANDREW .. ..                                    | Hallside, Newton, Glasgow. [land.   |
|      | 1904 Dec. 6.      | MILLER, EDWARD .. ..                                     | { Engr.'s Office, Cheshire Lines. Cen-<br>tral Station, Liverpool.                |
|      | 1892 Dec. 6.      | MILLER, ERNEST .. ..                                     | 18 Parkdale, Wolverhampton.   |
|      | 1893 May 2.       | MILLER, HARRY WILLIAM ..                                 | { Cunningham & Gearing, Atlas<br>Works, Bree St., Cape Town, C.C.                 |
|      | 1883 Feb. 6.      | MILLER, HENRY .. ..                                      | Surveyor, Felling, co. Durham.  |
|      | 1892 Dec. 6.      | *MILLER, HENRY MORLEY ..                                 | { 3 Grassendale Rd., Cressington,<br>Liverpool.                                   |
|      | 1892 Dec. 6.      | *MILLER, ROBERT FAULDS ..                                | 109 Bath St., Glasgow.  |
|      | 1894 May 1.       | *MILLER, WILLIAM AKERMAN ..                              | Colonial Engineer, Dominica.  |
|      | 1905 Dec. 5.      | { MILLER, WILLIAM THOMAS .. ..<br>WARD .. ..             | 348 Ranmoor Terrace, Fulwood Road,<br>Sheffield.                                  |
|      | 1881 Dec. 6.      | MILLHOUSE, WILLIAM .. ..                                 | Waterworks, Scarborough.  |
|      | 1895 May 5.       | MILLING, HUGH .. ..                                      | Roseneath, Malahide.  |
|      | 1895 May 21.      | MILLNER, WILLIAM JAMES ..                                | D P.W., Newcastle, N.S.W.   |
|      | 1890 Apr. 1.      | MILLS, ARTHUR EDWIN .. ..                                | Marietta, Sandycove, co. Dublin.  |
|      | 1893 Dec. 5.      | MILLS, CHARLES WALTER ..                                 | 30 Moorgate Street, E.C.  |
|      | 1898 Dec. 6.      | MILLS, FRANK .. ..                                       | { District Railway Engineer, Taiping,<br>Perak, S.S.                              |
|      | 1903 Apr. 7.      | MILLS, GEORGE HEMINGWAY ..                               | Nurney, Glenagarcy, co. Dublin.   |
|      | 1892 Dec. 6.      | *MILLS, GEORGE PILKINGTON ..                             | The Woodlands, Beeston, Notts.  |
|      | 1885 Dec. 1.      | *MILLS, JOHN CHARLES .. ..                               | King, King & Co., Bombay.   |
|      | 1884 Feb. 5.      | { *MILLS, WILLIAM BURTON .. ..<br>SAVILLE .. ..          | S. E. & C. Ry., Swanley.  |
|      | 1894 Dec. 4.      | MILNER, CHARLES SIDDALL ..                               | { 38 Lyndhurst Road, Thornton<br>Heath, S.E.                                      |
|      | 1900 Dec. 4.      | { *MILNER, HAROLD WOOD .. ..<br>M.Sc. (Victoria) .. ..   | The Mount, Malton, Yorks.   |
|      | 1888 Dec. 4.      | *MILNES, GEORGE PERCIVAL ..                              | 6 Rowcroft, Stroud, Glos.   |
|      | 1881 Apr. 5.      | MINCHIN, JOHN BIRCH .. ..                                | Oruro, Bolivia, <i>viâ</i> Panama.  |
|      | 1906 Jan. 9.      | *MINNITT, HENRY WILLIAM ..                               | H.M. Dockyard, Devonport.   |
|      | 1906 Mar. 6.      | MINSHALL, THOMAS HERBERT                                 | 28 Victoria Street, S.W.  |

| Date of Election. | ASSOCIATE MEMBERS.  |   |
|-------------------|---|---|
| 1906 Feb. 6.      | { MITCHELL, CHARLES HAMILTON, B.A.Sc. ( <i>Toronto</i> ) .. } | Ontario Power Co., Niagara Falls, Canada.                       |
| 1893 Jan. 10.     | MITCHELL, ERNEST HERBERT ..                                   | { c.o. Jessop & Appleby Bros., 56 Victoria Street, S.W.         |
| 1905 Dec. 5.      | MITCHELL, HERBERT EDWARD                                      | { Messrs. F. H. Medhurst and Lloyd, 13 Victoria Street, S.W.    |
| 1902 Dec. 2.      | MITCHELL, JAMES .. .. .                                       | Tees Conservancy, Middlesbrough.                                |
| 1901 Apr. 2.      | MITCHELL, LEWIS .. .. .                                       | Town Hall, Bolton, Lancs.                                       |
| 1888 May 15.      | { MITCHELL, THOMAS WILFRED HOWE .. .. . }                     | Mining Offices, Eldon St., Barnsley.                            |
| 1891 Jan. 13.     | MITCHESON, PERCY EDWARD                                       | Durban, Natal.  |
| 1895 Mar. 5.      | { MITRA, RAJESVARA, B.A. ( <i>Calcutta</i> ) .. .. . }        | P.W.D., Narsinghpur, C.P., India.                               |
| 1882 Dec. 5.      | MITRE Y VEDIA, EMILIO ..                                      | Buenos Aires.   |
| 1896 Apr. 14.     | { MITTELHAUSEN, CHARLES JULIUS ALFRED .. .. . }               | Car Sheds, Bexley Heath.  |
| 1896 May 19.      | MITTON, ARTHUR DURY ..  | { c.o. B. T. Batsford, 94 High Holborn, W.C.                    |
| 1906 Mar. 6.      | *MOBERLY, CHARLES NOEL ..                                     | { Bombay Electric Supply Co., Canada Bdg., Hornby Road, Bombay. |
| 1900 Feb. 6.      | *MOBERLY, JAMES EDWARD ..                                     | The Grove, Winthorpe, Newark.                                   |
| 1904 Apr. 12.     | MOFFET, JAMES SCOTT DUNCAN                                    | { Corporation Tramways, Mellor Street, Rochdale.                |
| 1883 May 29.      | { MOLECEY, CHARLES SIMPSON TWIGGE .. .. . }                   | Nelson's Wharf, Lambeth, S.E.                                   |
| 1881 May 31.      | MOLINE, WILLIAM .. .. .                                       | 19 The Avenue, Clifton, Bristol.                                |
| 1896 Dec. 1.      | *MOLLER, WARDEN APPLEBY ..                                    | { Imp. Rys. of N. China, Mining Dept., Tientsin.                |
| 1904 Jan. 12.     | { MOLLISON, HECTOR ALEXANDER, B.Sc. ( <i>Glas.</i> ) .. .. }  | 63 Gordon Street, Glasgow.                                      |
| 1895 Dec. 3.      | MOLLOY, HARRY JAMES .. ..                                     | Mysore P.W.D., Chikmagalur, India.                              |
| 1902 Feb. 4.      | *MOLONY, FREDERICK ARTHUR                                     | Bengal-Nagpur Railway, Calcutta.                                |
| 1883 Feb. 6.      | { MOLONY, JOHN STORAN, M.A.I. ( <i>Dubl.</i> ) .. .. . }      | Kekaha Kauai, Hawaiian Islands.                                 |
| 1902 Dec. 2.      | MOLYNEUX, THOMAS .. .. .                                      | { Waterworks Office, St. Peter's Square, Stockport.             |
| 1893 Feb. 7.      | MONASH, JOHN, M.C.E. ( <i>Melb.</i> )                         | { Australian Bldgs., 49 Elizabeth Street, Melbourne.            |
| 1880 May 4.       | *MONCKTON, MARMADUKE JOHN                                     | c/o H. S. King & Co., 65 Cornhill, E.C.                         |
| 1904 Apr. 19.     | { *MONCKTON, OLIVER PAUL, B.A. ( <i>Cantab.</i> ) .. .. . }   | c/o E. P. Monckton, Laundimer House, Oundle, Northants.         |
| 1894 Dec. 4.      | *MONCUR, GEORGE, B.Sc. ( <i>Edin.</i> )                       | { West of Scotland Technical College, Glasgow.                  |
| 1886 Feb. 2.      | MONCUR, JAMES .. .. .   | Chief Surveyor of Roads, Stafford.                              |
| 1893 Dec. 5.      | MONCUR, JOHN WILLIAM ..                                       | Borough Engineer, Sunderland.                                   |
| 1898 Apr. 5.      | { MONEY-KENT, JULIAN MONEY VERNON .. .. . }                   | Lime Tree House, Twickenham, S.W.                               |
| 1892 Apr. 5.      | MONIES, ALFRED .. .. .  | T. Cook and Son, Rangoon, Burma.                                |
| 1900 Dec. 4.      | { *MONK, JAMES EDMONSON, B.Sc. ( <i>Victoria</i> ) .. .. . }  | Grindlay, Groom & Co., Bombay.                                  |
| 1896 May 5.       | MONKHOUSE, HAROLD JOHN  | Mockbeggar, Playden, Sussex.                                    |
| 1904 Dec. 6.      | { *MONRO, KENNETH NEAL, B.A. ( <i>Cantab.</i> ) .. .. . }     | Coombe Wood, Kingston-on-Thames.                                |
| 1904 Jan. 12.     | { *MONRO, ROBERT GODFREY, M.A. ( <i>Cantab.</i> ) .. .. . }   | Coombe Wood, Kingston-on-Thames.                                |
| 1886 Apr. 6.      | MONSON, HENRY .. .. .   | Surveyor's Office, Kingsbridge, Devon.                          |
| 1896 Dec. 1.      | *MONTAGU, DROGO .. .. .                                       | Supt. of Telegraphs, Colombo, Ceylon.                           |
| 1905 Apr. 4.      | *MONTAGUE, JOHN EDWARD ..                                     | { C. A. H. Montague, Leigh Woods, Bristol.                      |
| 1899 Apr. 11.     | { MONTGOMERY, HERBERT ELPHINSTONE .. .. . }                   | Fairfield, Darlington.  |
| 1903 Apr. 7.      | MOON, EDWARD MERCER ..  | H.M. Dockyard, Hong Kong.                                       |
| 1895 Dec. 3.      | *MOON, EDWIN JOHN .. .. .                                     | 81 Railway Road, Leigh, Lancs.                                  |



| Date of Election. | ASSOCIATE MEMBERS.  |   |
|-------------------|---|---|
| 1900 Dec. 4.      | { *MOON, FREDERICK WILLIAM, }<br>B.E. ( <i>Royal</i> ) .. .. .    | Engineer's Office, N.E. Ry., York.                              |
| 1897 Dec. 7.      | { *MOORBY, WILLIAM HENRY, }<br>M.Sc. ( <i>Victoria</i> ) .. .. .  | H.M. Dockyard, Gibraltar.                                       |
| 1894 May 1.       | *MOORE, ARTHUR PILCHER FORD                                       | 9 Lammas Park Gardens, Ealing, W.                               |
| 1894 May 1.       | { MOORE, CHARLES ELLIOTT, }<br>B.A.I. ( <i>Dubl.</i> ) .. .. .    | 36 Mutual Buildings, Durban, Natal.                             |
| 1899 Jan. 10.     | { MOORE, COURTENAY EDWARD, }<br>B.A. ( <i>Dubl.</i> ) .. .. .     | D.W. & W. Ry., 1 Westland Row, Dublin.                          |
| 1886 Dec. 7.      | *MOORE, EDWIN HENRY .. ..   | { 20 Baskerville Road, Wandsworth Common, S.W.                  |
| 1894 May 1.       | { MOORE, ERNEST SHERWOOD }<br>WOOLLARD .. .. .                    | Electric Construction Corporation, Wolverhampton.               |
| 1904 Mar. 1.      | *MOORE, EVERETT WILLIAM ..  | 4 Portland Street, Gillygate, York.                             |
| 1895 Apr. 2.      | *MOORE, GODFREY WILSON ..   | South Indian Ry., Cuddalore, Madras.                            |
| 1899 Jan. 10.     | { *MOORE, SYDNEY WILLIAM, }<br>B.A. ( <i>Dubl.</i> ) .. .. .      | Engineer's Office, G. W. Ry., Paddington, W.                    |
| 1888 Mar. 6.      | MOORE, WILLIAM JAMES PERRY  | { 147 Queen Victoria St., E.C. (Nutmegged, London. Bank 509.)   |
| 1891 Dec. 1.      | { MOORHEAD, ROBERT BRADSHAW, }<br>B.A.I. ( <i>Dubl.</i> ) .. .. . | 5 Pelsin Road, Shanghai, China.                                 |
| 1902 Dec. 2.      | { MORCOM, REGINALD KEBLE, }<br>B.A. ( <i>Cantab.</i> ) .. .. .    | 24 Augustus Road, Edgbaston.                                    |
| m 1896 Dec. 1.    | *MORELAND, RICHARD, JUN. ..                                       | 80 Goswell Road, E.C.   |
| 1892 Feb. 2.      | MORGAN, ARTHUR HENRY ..   | { Mogok, Ruby Mines District, Upper Burma.                      |
| 1899 Jan. 10.     | MORGAN, EDWARD LLEWRWG ..   | Boro' Engineer, Bolton.   |
| 1899 Apr. 11.     | MORGAN, FRANK .. .. .   | { 60 Newton Road, Sparkhill, Birmingham.                        |
| m ✚ 1904 Dec. 6.  | *MORGAN, JOHN DAVID .. ..   | { 30 Whitehall Road, Handsworth, Staffs.                        |
| 1906 Jan. 9.      | MORGAN, LLEWELYN .. ..  | Morrison House, Morriston, Glam.                                |
| 1889 Dec. 3.      | MORGAN, WILLIAM BARLOW ..   | { Mannamead, Dorchester Rd., Weymouth.                          |
| 1899 Dec. 5.      | { *MORGAN, WILLIAM RICHARD }<br>WILMOT .. .. .                    | Star Fort, Matava, Ceylon.                                      |
| 1904 Dec. 6.      | MORGANS, GODFREY EWART ..   | Broad Street House, E.C.  |
| 1889 Dec. 3.      | { *MORIARTY, HENRY ALLASTER }<br>ORPEN .. .. .                    | Roscrea Priory, Goulburn, N.S.W.                                |
| 1889 Mar. 5.      | *MORLEY, JOHN GEORGE .. ..  | Town Hall, West Ham, E.   |
| 1891 Dec. 1.      | { MORONY, HENRY VEREKER }<br>LLOYD, B.E. ( <i>Queen's</i> ) ..    | Harbour Engineer, Limerick.                                     |
| 1905 Dec. 5.      | MORRALL, HENRY EDMUND ..  | { 67 Victoria Street, Wolverton, Bucks.                         |
| 1883 Feb. 6.      | MORRIS, EDMUND LEIGH .. ..  | Bras Head, Higher Warberry, Torquay.                            |
| 1900 Apr. 3.      | *MORRIS, EDWARD HAROLD ..   | Rainhill, Barnburgh, Doncaster.                                 |
| 1889 Dec. 3.      | *MORRIS, FRANCIS SANDERS ..                                       | 4 Trafalgar Square, W.C.  |
| 1901 Dec. 3.      | *MORRIS, WILLIAM GERALD ..  | Muchelney, Broxbourne.  |
| 1894 May 22.      | *MORRIS, WILLIAM VANE .. ..                                       | { c.o. Mrs. Morris, 11 Park Road, Forest Hill, S.E.             |
| 1899 Dec. 5.      | MORRISON, JAMES SMITH .. ..                                       | { S. Pearson & Son, 32 Pier Street, West Hoe, Plymouth. [Leeds. |
| 1898 Apr. 5.      | *MORRISON, RALPH PERCY ..   | Tannett, Walker & Co., Hunslet,                                 |
| 1899 Apr. 11.     | MORRISON, WILLIAM, B.Sc. ( <i>Glas.</i> )                         | 7 Maurice Place, Edinburgh.                                     |
| m 1901 Mar. 5.    | *MORTON, ANDREW HOME .. ..  | 130 Bath Street, Glasgow.                                       |
| 1894 Dec. 4.      | MORTON, OSWALD GORDON ..  | Muswellbrook, <i>riá</i> Sydney, N.S.W.                         |
| 1905 Jan. 10.     | MORTON, WILLIAM HOBBAIRD ..                                       | City Eng.'s Office, Wellington, N.Z.                            |
| 1905 Dec. 5.      | { *MOSS, RICHARD CECIL, }<br>B.A., B.A.I. ( <i>Dubl.</i> ) .. ..  | Public Works Department, Berhampore, Bengal.                    |
| 1892 Dec. 6.      | { MOULD, GEORGE ALEXANDER }<br>HUTCHINGS .. .. .                  | Milliken Bros. Ined., 11 Broadway, New York, U.S.A.             |
| 1905 Apr. 4.      | MOULD, ARTHUR ERNEST .. ..  | 3 Balmoral Place, Plymouth.                                     |

| Date of Election. | ASSOCIATE MEMBERS.                                   |   |  |
|-------------------|--|---|--|
| 1894 Dec. 4.      | MOULDING, THOMAS .. ..                               | City Surveyor's Office, Exeter.                       |  |
| 1894 Feb. 6.      | *MOUNT, JOHN CHAPMAN .. ..                           | Town Hall, Lancaster.                                 |  |
| 1893 Jan. 10.     | MOUNTAIN, ARTHUR HENRY .. ..                         | 16 John Dalton Street, Manchester.                    |  |
| 1902 Feb. 4.      | MOUNTFIELD, JAMES .. ..                              | { 5 The Terrace, H.M. Dockyard, Chatham.              |  |
| 1901 Feb. 5.      | *MOWAT, MAGNUS .. ..                                 | Millwall Docks, E.                                    |  |
| 1902 Apr. 8.      | MOYLAN, WILLIAM MORGAN .. ..                         | { 17 Collingham Place, South Kensington, S.W.         |  |
| 1877 Mar. 6.      | *MOYLE, SAMUEL .. ..                                 | Towan, Nightingale Road, Guildford.                   |  |
| 1891 Dec. 1.      | MUDIE, JAMES ROBERT .. ..                            | 24 Forfar Road, Dundee.                               |  |
| 1889 Feb. 5.      | *MUIR, EDWARD LESLIE ROBERT                          | Eng.'s Office, Midland Ry., Derby.                    |  |
| 1906 Feb. 6.      | { MUIRHEAD, JAMES, B.Sc. (Glas.) .. ..               | Belgrave, Clifton Road, Rugby                         |  |
| 1886 Feb. 2.      | *MULLIGAN, THOMAS NORTH ..                           | 81 James Street, Dublin.                              |  |
| 1902 Feb. 4.      | *MULLINGS, TOM OSBERN .. ..                          | { Electric Supply Co., Mansourah, Egypt.              |  |
| 1885 Feb. 3.      | MUMFORD, ARTHUR GEORGE ..                            | Colchester.   |  |
| 1904 Apr. 19.     | { *MUNCE, JAMES STILWELL, B.E. (Royal) .. ..         | 8 Birkbeck Grove, Acton, W.                           |  |
| m 1872 May 7.     | *MUNDAY, HENRY THOMAS ..                             | County Council, Spring Gardens,                       |  |
| 1890 Dec. 2.      | MUNN, ROBERT ANDREW .. ..                            | 5 Winn Road, Southampton. [S.W.]                      |  |
| 1894 Jan. 9.      | { MUNRO, JOHN MACINTOSH, MACKAY .. ..                | 136 Bothwell Street, Glasgow.                         |  |
| 1894 Dec. 4.      | MURAKAMI, KIYOICHI .. ..                             | Kitahama, Osaka, Japan.                               |  |
| 1892 Mar. 1.      | MURCOTT, DANIEL .. ..                                | { Railway Construction Branch, P.W.D., Perth, W.A.    |  |
| 1867 May 7.       | MURDOCH, GEORGE BROWN ..                             | Attonrig, Ferry Rd. West, Edinburgh.                  |  |
| 1902 Apr. 8.      | MURPHY, CHARLES FRANKLIN ..                          | { 33 Bridge Street, Morpeth, Northumberland. [B.W.I.] |  |
| 1904 Jan. 12.     | *MURPHY, MATTHEW ALEXANDER                           | P.W. Office, Castries, St. Lucia,                     |  |
| 1890 Jan. 14.     | *MURRAY, CHARLES .. ..                               | { Secretary, P.W.D., Pretoria, Transvaal.             |  |
| 1895 Jan. 8.      | *MURRAY, GEORGE THOMAS ..                            | { Roads Dept., New Plymouth, New Zealand.             |  |
| 1883 Feb. 6.      | MURRAY, JOHN .. ..                                   | Caixa 403, Rio de Janeiro. [vaal.]                    |  |
| 1898 Dec. 6.      | MURRAY, LEE, M.C.E. (Melb.)                          | Messrs. Siemens, Johannesburg, Transvaal.             |  |
| m 1900 Dec. 4.    | { *MURRAY, ROBERT ALAN, ERSKINE .. ..                | P. O. Box 2764, Johannesburg, Transvaal.              |  |
| 1905 Feb. 7.      | { *MURRAY, RONALD CHARLES, SCOTT, B.A. (Cantab.) ..  | Consulting Eng.'s Office, Johore Bahru, India.        |  |
| 1890 Apr. 1.      | MURRAY, STEWART BINNY ..                             | Parry & Co., Madras.                                  |  |
| 1886 Dec. 7.      | *MUSGRAVE, JAMES .. ..                               | { F. C. Oeste, Via y Obras, Buenos Aires.             |  |
| 1896 Dec. 1.      | MUSKER, CHARLES .. ..                                | Tuebrook, Liverpool.                                  |  |
| 1896 Dec. 1.      | *MYBURGH, HENRY HAWKINS ..                           | Brockley, Wynberg. C.C.                               |  |
| 1905 Apr. 4.      | { *MYERS, GEORGE DOUGLAS, ALFRED .. ..               | Sea View, Port Royal, Jamaica.                        |  |
| 1887 Mar. 1.      | MYLNE, HENRY CHARLES ..                              | Staverton, Wokingham, Berks.                          |  |
| 1904 Dec. 6.      | NAIRN, WILLIAM .. ..                                 | 37 Sutton Court, Chiswick, W.                         |  |
| 1906 Mar. 6.      | { *NAPIER, ARTHUR GEORGE, FRITZ, M.Sc. (Victoria) .. | Public Works Department, Ahmedabad, Bombay.           |  |
| ✠ 1899 Dec. 5.    | { *NARDIN, ERNEST WILLOUGHBY, B.E. (Sydney) .. ..    |   |  |
| 1903 Mar. 3.      | *NARIMAN, RUSTOM KATKHASRO                           | P.W.D., Lyallpur, India.                              |  |
| 1887 Dec. 6.      | { NASH, ALFRED GEORGE, B.Sc. (Edin.) .. ..           | Belretus, Mandeville P.O., Jamaica.                   |  |
| 1904 Apr. 12.     | { NASH, FOUNTAIN OKEY COLBORNE .. ..                 | Council Offices, Cokermouth, Cumberland.              |  |

| Date of Election. |   | ASSOCIATE MEMBERS.   |          |
|-------------------|---|--|----------|
| 1895 Mar. 5.      | NASH, RICHARD WILKINSON ..  | 9 Bridge St., Westminster, S.W.                                      |          |
| 1905 Dec. 5.      | NASH, WHITWELL TRYON ..   | c.o. Agent, E.I. Ry., Calcutta.                                      |          |
| 1884 May 27.      | NATHAN, BENJAMIN ARTHUR ..  | 7 Adam's Court, E.C.   | [Ceylon. |
| 1904 Apr. 12.     | NATHANIELS, ARTHUR HOLMAN   | P.W.D., Dandagama, <i>viâ</i> Kunegalle,                             |          |
| 1900 Apr. 3.      | NAYLOR, CHARLES HENRY ..  | Prido House, Grosvenor Road Ex-<br>tension, Rugby.                   |          |
| ✠ 1892 Dec. 6.    | NAYLOR, WILLIAM .. ..   | 3 Garstang Road, Fulwood, Preston.                                   |          |
| 1900 Dec. 4.      | NAZ, JOSEPH LOIS .. ..  | Mauritius.   |          |
| 1878 Feb. 5.      | *NEAL, HERBERT .. ..  | Speen Lodge, Newbury, Berks.   |          |
| 1904 Dec. 6.      | { NEAL, ROBERT HENRY }<br>BENNETT .. .. .                         | Bank Chambers, Princess Square,<br>Plymouth. (Output, Plymouth 594.) |          |
| 1889 Jan. 8.      | NEALL, FRANK FEARNE .. ..   | Dock Office, Leith, N.B.   |          |
| 1898 Jan. 11.     | { NEELY, ALEXANDER JAMES }<br>M.A., M.A.I. ( <i>Dubl.</i> ) .. .. | c.o. Grindlay, Groom & Co., Calcutta.                                |          |
| 1904 Apr. 12.     | NEILL, THOMAS ALBERT ..   | 77 Boleyn Road, Forest Gate, E.                                      |          |
| 1905 Dec. 5.      | { NEILSON, ROBERT THOMSON }<br>B.Sc. ( <i>Glas.</i> ) .. .. .     | Orbiston, Bellshill, Lanarkshire.                                    |          |
| 1902 Feb. 4.      | { NEILSON, WILLIAM HARDCAS-<br>TLE, B.A.I. ( <i>Dubl.</i> ) .. .. | Port Commissioner's Office, Calcutta.                                |          |
| 1895 Dec. 3.      | *NELSON, GEORGE .. ..   | { Council Chambers, Gosforth, North-<br>umberland.                   |          |
| 1885 May 5.       | NELSON, HENRY .. ..   | King. King & Co., Bombay.  |          |
| 1896 Jan. 14.     | NETO, JOSEPH GOMES .. ..  | { 12 Rua Barao de Victoria, Per-<br>nambuco.                         |          |
| 1891 May 5.       | NETTLETON, HUGH .. ..   | Town Hall, Weston-super-Mare.  |          |
| 1891 May 12.      | NEVINS, HUBERT PENROSE ..   | { Board of Works, Rialto, Collins'<br>Street, Melbourne, Victoria.   |          |
| 1894 Jan. 9.      | NEWBIGGING, WILLIAM .. ..   | 5 Norfolk Street, Manchester.  |          |
| 1899 Apr. 11.     | NEWHAM, JOHN THOMAS ..  | 11 Victoria Street, S.W.   |          |
| 1895 Dec. 3.      | NEWLANDS, ALEXANDER ..  | Highland Ry., Inverness.   |          |
| 1904 Apr. 12.     | NEWMAN, HENRY ARTHUR ..   | { Council Offices, Church End, Finch-<br>ley, N.                     |          |
| 1890 May 6.       | NEWMAN, JOHN THOMAS ..  | Wytefelde, Elsee Road, Rugby.  |          |
| 1893 May 16.      | *NEWMAN, REGINALD WILLIAM   | { Govt. Irrigation Works, Thebus,<br>Cape Colony.                    |          |
| 1891 May 5.       | *NEWMARCH, HERBERT SMALES   | { Howden Lodge, Clarendon Road,<br>Southsea.                         |          |
| 1892 Feb. 2.      | *NEWMARCH, LEONARD JOHN ..  | Imperial Railways, Tientsin, China.                                  |          |
| 1893 May 2.       | NEWTON, ARTHUR EDGAR ..   | Bombala, Monaro, N.S.W.  |          |
| 1899 Jan. 10.     | { *NEWTON, EDWIN BENNETT }<br>BRIERLEY .. .. .                    | Town Hall, Paddington, W.  |          |
| 1887 May 24.      | NEWTON, WILLIAM JOSEPH ..   | Boro' Surveyor, Acerington.  |          |
| ✠ 1902 Dec. 2.    | NIAS, CHARLES HENRY .. ..   | Valetta, Moseley, Birmingham.  |          |
| 1877 Feb. 6.      | NICE, ALFRED SLATER .. ..   | Carlton Hall, nr. Newmarket.   |          |
| 1888 Feb. 7.      | *NICHOLL, ARTHUR EDWARD ..  | { Stanmore, Tooting Bee Road,<br>Streatham, S.W.                     |          |
| 1896 Dec. 1.      | *NICHOLL, JOHN CLARIDGE ..  | { Mesne Lea, Parkside Road, West<br>Bowling, Bradford.               |          |
| 1896 Dec. 1.      | NICHOLLS, JOHN SAMUEL ..  | 335 East India Dock Road, E.   |          |
| 1890 Dec. 2.      | *NICHOLS, ALBERT EDWARD ..  | { Boro' Engineer, Folkestone. (Sur-<br>veyor, Folkestone.)           |          |
| 1904 Apr. 19.     | NICHOLSON, JAMES NAPIER ..  | 3 Cook Street, Liverpool.  |          |
| 1890 Dec. 1.      | NICHOLSON, WALTER SERY ..   | 30 Great George Street, S.W.   |          |
| 1893 Dec. 5.      | *NICOLLS, ARTHUR OLIVER ..  | Govt. Rys., Box 291, Cape Town, C.C.                                 |          |
| ✠ 1897 Jan. 12.   | { *NICOLLS, EDWARD HUGH }<br>DYNELEY .. .. .                      | P.W.D., Cyprus.  |          |
| 1902 Dec. 2.      | { *NIMMO, JAMES VALENCE }<br>B.Sc. ( <i>Glas.</i> ) .. .. .       | Paspebiac West, Bonaventure, P.Q.,<br>Canada.                        |          |
| 1896 Dec. 1.      | NIMMO, WILLIAM HENRY ..   | Melbourne Club, Melbourne, Victoria.                                 |          |
| 1888 Dec. 4.      | NISBET, THOMAS .. ..  | Public Works Office, Glasgow.  |          |
| 1902 Apr. 8.      | *NIVEN, JAMES JUST .. ..  | 108 St. George's Street, Cape Town, C.C.                             |          |



Date of  
Election.

## ASSOCIATE MEMBERS.

|                 |  |   |
|-----------------|--|---|
| 1897 Apr. 6.    | NIXON, FREDERICK ALBERT ..   | {13 Soho Road, Handsworth, Bir-<br>mingham.                       |
| 1899 Apr. 11.   | NOLAN, JOHN JOSEPH .. ..   | P.W.D., Perth, W. Australia.                                      |
| 1899 Dec. 5.    | {*NOLAN, THOMAS RICHARD,<br>B.E. ( <i>Royal</i> ) .. ..}             | Haflong, North Cachar, India.                                     |
| 1888 Jan. 10.   | NORDENFELT, PETER .. ..  | Rue Auber 8, Paris.   |
| 1905 Apr. 4.    | *NORMAN, FRANK .. ..   | c.o. Military Works Dept., India.                                 |
| 1881 Apr. 5.    | NORMANVILLE, WILLIAM DE ..   | Boro' Engineer, Leamington.                                       |
| 1890 Dec. 2.    | NORRINGTON, JAMES PALMER..   | 3 Trent Road, Brixton Hill, S.W.                                  |
| 1897 Apr. 6.    | NORRIS, WILLIAM .. ..  | {Dowry Ironworks, Bamber Bridge,<br>nr. Preston.                  |
| 1905 Apr. 4.    | *NORSWORTHY, HERBERT HENRY   | 17 Richmond Road, Swansea.  |
| 1885 Feb. 3.    | *NORTH, JOHN .. ..   | Oakley House, Eye, Suffolk.                                       |
| 1897 Dec. 7.    | NORTHCROFT, GEORGE ANDREW  | Bloemfontein, Orange River Colony.                                |
| 1894 Dec. 4.    | *NORTON, ARTHUR .. ..  | 12 Stanmore Road, Edgbaston.                                      |
| 1904 Dec. 6.    | NORTON, FREDERICK WILLIAM  | 299 B Mitre, Buenos Aires.  |
| 1901 Mar. 5.    | NOWELL, ARTHUR BERRY ..  | {c.o. W. A. Willden, 75 Palmerston<br>Crescent, Palmers Green, N. |
| 1893 May 2.     | {NOWROJI, HORMUSJI,<br>B.E. ( <i>Madras</i> ) .. ..}                 | Asst. Sanitary Eng. to Govt., Madras.                             |
| 1876 Feb. 1.    | NUBAR, H. E. BOGHOS, <i>Pasha</i>                                    | State Railways, Cairo, Egypt.                                     |
| 1905 Dec. 5.    | NUNN, JAMES WILLIAM .. ..  | Dhulian P.O., Murshedabad, India.                                 |
| 1896 May 19.    | NUTTALL, EDMUND .. ..  | {The Ash, Seymour Grove, Man-<br>chester.                         |
| 1899 Dec. 5.    | *NUTTALL, HERBERT .. ..  | 20 Market Street, Bury, Lancs.                                    |
| 1897 Mar. 2.    | *NYE, ARTHUR WILLIAM.. ..  | 110 Cannon Street, E.C.   |
| 1888 Apr. 10.   | *NYE, WILLIAM THOMAS .. ..   | {Gasworks, Rockhampton, Queens-<br>land.                          |
| 1902 Mar. 4.    | *OAKDEN, RALPH, Junr. .. ..  | {District Surveyor, Winchilsea<br>Avenue, Newark.                 |
| 1885 May 5.     | {OAKES, Sir REGINALD LOUIS,<br>Bart. .. ..}                          | Soc. Anonyme La Métallurgique,<br>1 Place de Louvain, Brussels.   |
| 1887 May 3.     | {*OAKLEY, ALGERNON SEYMOUR<br>BERNARD .. ..}                         | Barrington Grove, Burford, Oxon.                                  |
| 1896 Feb. 4.    | *OAKLEY, ERNEST JOHN .. ..   | {Kilburn & Co., 4 Fairlie Place,<br>Calcutta.                     |
| 1904 Mar. 1.    | OATES, JOSEPH .. ..  | {Currey & Tucker, Box 2811, Johan-<br>nesburg, Transvaal.         |
| m 1902 Jan. 14. | {*O'BRIEN, HENRY EOGHAN,<br>B.Sc. ( <i>Victoria</i> ) .. ..}         | Power Station, Formby, nr. Liver-<br>pool.                        |
| 1900 Dec. 4.    | O'BRIEN, PERCY VINCENT ..  | {P.W.D., Coolgardie, Western Aus-<br>tralia.                      |
| 1901 Apr. 23.   | {O'CONNELL, JAMES CHARLES,<br>B.E. ( <i>Royal</i> ) .. ..}           | Surveyor's Quarters, Shorncliffe,<br>Kent.                        |
| 1892 Apr. 5.    | O'CONNOR, HENRY .. ..  | {Milne & Son, Milton House Works,<br>Edinburgh.                   |
| 1903 Mar. 3.    | {*O'CONNOR, RICHARD FRANCIS<br>MARY, B.A., B.E. ( <i>Royal</i> ) ..} | Knocknahorgan, Glanmire, Cork.                                    |
| 1902 Dec. 2.    | *ODDIE, PHILIP FRANCIS .. ..   | 85 Worples Road, Wimbledon.                                       |
| 1873 Mar. 4.    | *ODLING, FRANCIS JAMES .. ..   | Box 314, G.P.O., Melbourne, Victoria.                             |
| 1894 Dec. 4.    | O'DONNELL, JAMES IGNATIUS..  | Engr.'s Office, Carlow, Ireland.                                  |
| 1887 Mar. 1.    | O'DRISCOLL, FLORENCE .. ..   | {2v Bickenhall Mansions, W. (Pad-<br>dington 994.)                |
| 1889 Jan. 8.    | *OERTEL, FRED. OSCAR .. ..   | Allahabad, India.   |
| 1902 Mar. 4.    | OERTON, FRANK JAMES .. ..  | {Sir J. Wolfe Barry and Partners,<br>21 Delahay Street, S.W.      |
| 1886 Jan. 12.   | *OGILVIE, GEORGE TOD .. ..   | Fort Jameson, Rhodesia.   |

| Date of Election. | ASSOCIATE MEMBERS.                                |   |
|-------------------|---|---|
| 1880 Dec. 7.      | { *OGILVIE, ROBERT CHARLES }<br>FREDERICK .. .. . | Waveney, Upper Long Ditton, Surrey.               |
| 1859 Jan. 11.     | OHREN, MAGNUS .. .. .                             | 4 Garlies Road, Forest Hill, S.E.                 |
| 1892 Dec. 6.      | OKE, FRANCIS ROBERT .. .. .                       | 5 Coppenhall Terrace, Crewe.                      |
| 1865 Apr. 4.      | OKES, JOHN CHARLES RAYMOND                        | 131 Verulam Road, St. Albans.                     |
| 1894 Dec. 4.      | OKURA, KUMEMA .. .. .                             | Okura & Co., Ginza, Tokio, Japan.                 |
| 1887 Dec. 6.      | *OLD, TRENHAM .. .. .                             | Bay Rd., St. Leonards, Sydney, N.S.W.             |
| 1895 Dec. 3.      | OLDHAM, RICHARD SOULBY .. .. .                    | New Dock Works, Swansea.                          |
| 1893 Dec. 5.      | OLIVER, ALFRED MARK .. .. .                       | { 33 Greyhound Lane, Streatham, S.W.              |
| 1893 May 2.       | OLIVER, GILBERT THOMAS INGLIS                     | c.o. Suptg. Eng., Maymyo, Burma.                  |
| 1865 Apr. 4.      | OLIVER, THOMAS .. .. .                            | Horsham.  |
| 1885 Apr. 14.     | OLLIS, WILLIAM BAKER .. .. .                      | 151 Station St., Burton-on-Trent.                 |
| 1905 Apr. 4.      | *OMMANNEY, GEOFFREY GREAM                         | 10 Prince of Wales' Terrace, W.                   |
| 1864 Mar. 1.      | ONSLow, DOUGLAS ARTHUR .. .. .                    | 34 Werter Road, Putney, S.W.                      |
| 1893 Mar. 7.      | OPENSHAW, JAMES .. .. .                           | Boro' Engineer's Office, Salford.                 |
| 1890 Apr. 1.      | ORDISH, OWEN .. .. .                              | { A. R. Debnam, Mt. Pleasant, Plymouth.           |
| 1892 Mar. 1.      | *O'REILLY, FRANCIS JOSEPH .. .. .                 | { Point Ellice, Victoria, British Columbia.       |
| 1892 Dec. 6.      | ORMEROD, GEORGE HOLT .. .. .                      | { c.o. Grindlay & Co., 54 Parliament Street, S.W. |
| 1885 Feb. 3.      | *ORMEROD, RICHARD OLIVER .. .. .                  | 9 Pagoda Avenue, Richmond, Surrey.                |
| 1890 Mar. 4.      | ORR, ADOLPHE ERNEST .. .. .                       | P.W.D., Lahore, Punjab.                           |
| 1904 Dec. 6.      | ORR, JOHN, B.Sc. (Glas.) .. .. .                  | { Transvaal Technical Institute, Johannesburg.    |
| 1887 Dec. 6.      | ORTON, FREDERICK .. .. .                          | Whitchurch, near Cardiff.                         |
| 1890 Dec. 2.      | *OSBORN, ASHBY FREDERICK .. .. .                  | P.W.D., Cowra, N.S.W.                             |
| 1887 Dec. 6.      | *OSMOND, WILLIAM .. .. .                          | { 8 Wetherby Gardens, Kensington, S.W.            |
| 1896 Feb. 4.      | O'SULLIVAN, JOHN GABRIEL .. .. .                  | { Deputy Boro' Surveyor, City Hall, Dublin.       |
| 1887 Dec. 6.      | OTAGAWA, MASAYUKI .. .. .                         | { 57 Haramachi I'thome, Ushigomeku, Tokio, Japan. |
| 1905 Apr. 11.     | *OTWAY, JAMES HASTINGS .. .. .                    | 20 Northbrook Road, Dublin.                       |
| 1901 Dec. 3.      | OUGH, ARTHUR HENRY .. .. .                        | Leigh & Orange, Hong Kong.                        |
| 1898 Apr. 3.      | OUTRAM, FRANCIS DAVIDSON .. .. .                  | 28 Victoria Street, S.W.                          |
| 1885 Dec. 1.      | *OVERTON, FRANK .. .. .                           | 12 Rectory Road, Beckenham.                       |
| 1875 Apr. 6.      | *OWEN, JOHN ARTHUR .. .. .                        | Engineer's Office, Trinity House, E.C.            |
| 1905 Dec. 5.      | OWEN, JOSEPH .. .. .                              | { Eng.'s Dept., L.C.C., Spring Gardens, S.W.      |
| 1887 Dec. 6.      | OWEN, WILLIAM LAMBDEN .. .. .                     | { The Residency, Bunbury, Western Australia.      |
| 1902 Apr. 8.      | { OWENS, JOHN SWITZER, }<br>M.D. (Dubl.) .. .. .  | 15 Tothill Street, Westminster, S.W.              |
| 1874 May 12.      | OWER, CHARLES                                     | 70 Seagate, Dundee.                               |
| 1904 Dec. 6.      | OWSTON, WILLIAM HENRY .. .. .                     | J. Simpson & Co., Newark-on-Trent.                |
| 1901 Dec. 3.      | { *PACK-BERESFORD, ALGERNON }<br>DUNBAR .. .. .   | Madras Ry., Cannanore, Malabar, India.            |
| 1903 Mar. 3.      | *PADDAY, ARTHUR CAMPBELL                          | { P.W.D., Swat River Canal, Mardan, India.        |
| 1887 Apr. 5.      | *PAGE, EDWARD HENRY .. .. .                       | { Andrews Buildings, Queen Street, Cardiff.       |
| 1894 Jan. 9.      | *PAGE, FRANK WATTS .. .. .                        | 14 St. Ann's Square, Manchester.                  |
| 1894 Jan. 9.      | *PAGE, SYDNEY ELLIOTT .. .. .                     | { 28 New Bridge Street, Blackfriars, E.C.         |
| 1886 Dec. 7.      | PALLANT, THOMAS .. .. .                           | { Junior Constitutional Club, Piccadilly, W.      |
| 1902 Feb. 4.      | PALMER, ARTHUR CECIL HUNTER                       | Govt. Rys., Brisbane, Queensland.                 |

Date of  
Election.

## ASSOCIATE MEMBERS.

|                 |  |  |
|-----------------|--|--|
| 1902 Apr. 8.    | { PALMER, FREDERICK CHARLES<br>RICHARD .. .. . }                                 | 21 Blackett Road, Putney, S.W.                                     |
| 1886 Jan. 12.   | *PALMER, THOMAS CASSINET   | Beechwood, Moss Lane, Pinner.                                      |
| 1906 Apr. 3.    | { PALMER, WILLIAM LOWELL<br>FRANCIS .. .. . }                                    | City Engineer's Office, Bristol.                                   |
| 1895 Dec. 3.    | PARDOE, JOSEPH CHARLES ..  | Kirklands, Barry, Cardiff.   |
| 1887 May 24.    | PARK, CHARLES ARCHIBALD ..   | Wolverton, Bucks.  |
| 1893 Dec. 5.    | { PARK, JAMES HARVEY WIL-<br>LIAMSON, B.Sc. ( <i>Edin.</i> ) .. }                | Madawachchiya, N.C.P., Ceylon.                                     |
| 1898 Dec. 6.    | PARKER, CHARLES HERBERT ..   | { P.W.D., Prome Road, Rangoon,<br>Burma.                           |
| 1906 Feb. 6.    | *PARKER, GEOFFREY .. .. .  | { Third Circle of Irrigation, Alex-<br>andria, Egypt.              |
| 1887 Mar. 1.    | PARKER, JOHN .. .. .   | City Surveyor, Hereford.   |
| 1887 May 24.    | PARKER, JOHN .. .. .   | Denmark House, Hove, Sussex.                                       |
| 1886 Dec. 7.    | PARKER, JOHN EDWARD .. ..  | { Post Office Chambers, St. Nicholas<br>Square, Newcastle-on-Tyne. |
| 1899 Dec. 5.    | { PARKER, PHILIP A MORLEY,<br>B.A. ( <i>Cantab.</i> ). B.C.E. ( <i>Melb.</i> ) } | P.W.D. Irrigation Branch, Lahore,<br>Punjab.                       |
| 1896 Dec. 1.    | PARKER, SYDNEY HYDE ..   | Dibru-Sadiya Ry., Assam.   |
| 1904 Dec. 6.    | { *PARKER, WILLIAM ALEX-<br>ANDER .. .. . }                                      | S Holyrood Crescent, West Glasgow.                                 |
| 1884 Feb. 5.    | *PARKES, HENRY .. .. .   | { c.o. F. Parkes, 61 Carey Street,<br>W.C.                         |
| 1873 Apr. 1.    | *PARKES, THOMAS FARMER ..  | Lambeth Waterworks, Brixton, S.W.                                  |
| 1888 Feb. 7.    | { *PARKHOUSE, ALFRED WILLIAM<br>LONG .. .. . }                                   | Arthur's Seat, White Hill, near<br>Caterham, Surrey.               |
| 1891 Mar. 3.    | PARKIN, FREDERIC WILLIAM ..  | { Naylor Bros., Estate Buildings,<br>Huddersfield.                 |
| m ✚ 1889 May 7. | *PARKIN, JOHN HENRY .. ..  | Gorpley Reservoir, Todmorden.                                      |
| 1889 Feb. 5.    | PARKINSON, JAMES .. .. .   | Ellenby, Wilpshire, Blackburn.                                     |
| m ✚ 1882 May 2. | *PARKINSON, RICHARD MARION   | 93 Lincoln Road, Peterborough.                                     |
| 1893 Dec. 5.    | { *PARKMAN, PHILIP GEORGE<br>WILLIAM .. .. . }                                   | Town Hall, Hounslow.   |
| 1892 Dec. 6.    | PARLETT, GODFREY BERNARD   | 37 Waterloo Street, Birmingham.                                    |
| 1894 Dec. 4.    | PARR, FRANCIS .. .. .  | Town Hall, Bridgwater, Somerset.                                   |
| 1879 Dec. 2.    | *PARRY, JOSEPH WILLIAM ..  | West House, Mayfield, Sussex.                                      |
| 1892 Apr. 5.    | *PARRY, RICHARD .. .. .  | 82 Victoria Street, S.W.   |
| 1900 Apr. 3.    | { *PARSONS, <i>The Hon.</i> GEOFFREY<br>LAWRENCE, B.A. ( <i>Oxon.</i> ) }        | Heaton Works, Newcastle-on-Tyne.                                   |
| 1888 Jan. 10.   | PARSONS, HERBERT JOSIAH ..   | Grindlay & Co., Calcutta.  |
| 1904 Apr. 12.   | PARSONS, ROBERT HODSON ..  | 35 Bedford Street, Strand, W.C.                                    |
| 1885 Dec. 1.    | PARTINGTON, THOMAS .. ..   | { 37 Glenluce Road, Westcombe Park,<br>S.E.                        |
| 1886 Apr. 6.    | *PARTRIDGE, GODFREY BOWEN  | { 27 Godfrey Road, Gold Tops, New-<br>port, Mon.                   |
| 1892 Feb. 2.    | PASSOS, ALEXANDRE PORTELLA   | M. F. Gonsalvez, Bahia, Brazil.                                    |
| 1897 Apr. 6.    | PATCH, ALFRED .. .. .  | { 75 Salford Road, Streatham Hill,<br>S.W.                         |
| 1905 Jan. 10.   | *PATERSON, CLIFFORD COPLAND  | { The National Physical Laboratory,<br>Teddington, Middlesex.      |
| 1890 Dec. 2.    | PATERSON, JAMES DONALD ..  | { Engineer's Office, G. W. Ry., Pad-<br>dington, W.                |
| 1893 Jan. 10.   | PATERSON, MATTHEW .. ..  | { Westfield, Kings Drive, Heaton<br>Moor, Stockport.               |
| 1892 Jan. 12.   | PATERSON, WALTER SAUNDERS  | 27 St. Stephen's Road, Ealing, W.                                  |
| 1867 Dec. 3.    | PATTERSON, EDWARD CHARLES  | 103 Church Rd., Upper Norwood, S.E.                                |
| 1886 Dec. 1.    | PATTERSON, HERBERT CECIL ..  | Jessop & Co., Calcutta.  |
| 1897 Apr. 6.    | PATTESON, WALTER .. ..   | { High Greenwood, Heftonstal, Heb-<br>den Bridge.                  |
| 1885 Dec. 1.    | PATTINSON, JOHN SHIELD ..  | Fawcett, Preston & Co., Liverpool.                                 |



Date of  
Election.

## ASSOCIATE MEMBERS.

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| 1875 Feb. 2.   | PATTISON, FREDERICK .. ..  | { 130 Hamlet Gardens, Ravenscourt Park, W.                             |
| 1885 May 5.    | PATTRICK, CHARLES BEAUFOY  | Box 4279, Johannesburg, Transvaal.                                     |
| 1906 Jan. 9.   | { *PAUL, ARTHUR EDWARD,<br>B.A. ( <i>Cantab.</i> ) .. .. }             | { L. & S. W. R., Engineer's Office,<br>Waterloo, S.E.                  |
| 1889 Dec. 3.   | *PAWLEY, FRANCIS ADOLPHUS ..   | { Madras Ry., Engineer's Office, Ban-<br>galore.                       |
| 1892 Dec. 6.   | *PAXON, HAROLD CHARLES ..  | Singapore, S.S.  |
| 1904 Dec. 6.   | *PAXTON, CHARLES HENRY ..  | Lavant, Chichester, Sussex.  |
| 1897 Apr. 6.   | PAYNE, EDMOND WILLIAM ..   | M. T. Shaw & Co., 81 Cannon St., E.C.                                  |
| 1900 Dec. 4.   | PAYNE, <i>Professor</i> HENRY ..                                       | { South African College, Cape Town,<br>C.C.                            |
| 1894 Dec. 4.   | PAYNE, PERCY MARRIOTT ..   | { Holmesdale, The Park, Nottingham.<br>(Holmesdale, Nottingham. 1359.) |
| 1904 Apr. 12.  | { *PEACE, THOMAS ARTHUR,<br>M.Sc. ( <i>Victoria</i> ) .. .. }          | { 21 Manilla Road, Clifton, Bristol.                                   |
| 1902 Dec. 2.   | { *PEACH, CHARLES EDMOND CLEA-<br>VER, B.A. ( <i>Cantab.</i> ) .. .. } | { 41 Apsley Road, Clifton, Bristol.                                    |
| 1900 Apr. 3.   | PEAKE, ALGERNON .. ..  | { 25 Prospect Road, Ashfield, Sydney,<br>N.S. Wales.                   |
| 1902 Apr. 22.  | *PEARCE, EDWARD NATHANIEL  | { 35 Lyndhurst Road, Thornton<br>Heath, S.E.                           |
| 1906 Apr. 10.  | *PEARCE, NATHANIEL .. ..   | c.o. A. Pearce, Aughton, nr. Ormskirk.                                 |
| 1900 Apr. 3.   | PEARCE, STANDEN LEONARD ..   | { Corporation Electrical Dept., Dickin-<br>son Street, Manchester.     |
| 1895 Dec. 3.   | PEARSE, ALEXANDER FRANCIS  | { Chief Draftsman, P.W.D., Perth,<br>W. Australia.                     |
| 1901 Apr. 23.  | *PEARSON, GEOFFREY HOPE ..   | 3 Groundwell Street, Swindon.  |
| 1901 Apr. 2.   | *PEARSON, HENRY LAWRENCE ..  | { Carno Reservoir Works, Beaufort,<br>Breconshire.                     |
| 1903 Feb. 3.   | { PEARSON, JAMES DAVIS,<br>B.A., B.E. ( <i>Royal</i> ) .. .. }         | Rathportner, Donegal, Ireland.   |
| 1893 Feb. 7.   | PEARSON, JAMES MONTGOMERIE   | 5 John Dickie St., Kilmarnock, N.B.                                    |
| 1904 Apr. 12.  | *PEARSON, KENNETH RAMSAY ..  | { 75 Lauderdale Mansions, Lauder-<br>dale Road, Maida Vale, W.         |
| 1904 Jan. 12.  | { *PEARSON, ROBERT JOHN<br>ADDISON .. .. }                             | { 72 Mount Pleasant, Barrow-in-Fur-<br>ness.                           |
| 1900 Apr. 3.   | { PECKITT, REGINALD GODFREY,<br>B.A. ( <i>Oxon.</i> ) .. .. }          | { Locomotive Department, Egyptian<br>Railways, Boulac, Egypt.          |
| 1884 Jan. 8.   | *PEDLEY, WILLIAM EVERARD ..  | { 515 Magnolia Avenue, Riverside,<br>California, U.S.                  |
| 1876 Mar. 7.   | PEEL, WILLIAM .. ..  | Knowlmere Manor, Clitheroe.  |
| 1890 Dec. 2.   | *PEGG, HENRY VILLIERS .. ..  | { Florida, King's Drive, Heaton Moor,<br>Stockport.                    |
| ✠ 1896 May 19. | PEIRCE, ARTHUR .. ..   | Town Hall, Calcutta.   |
| 1887 Apr. 5.   | *PELLEREAU, HENRY ETIENNE  | Lyallpur, Punjab, India.   |
| 1878 Mar. 5.   | *PEÑA, URBANO JOSÉ DE LA ..  | 3 Recoletos, Madrid.   |
| 1904 Dec. 6.   | { *PENNELL, REGINALD HUM-<br>PHREY LEE .. .. }                         | { c.o. Mrs. Pennell, Blue Hayes, Broad<br>Clyst, Exeter.               |
| 1884 Feb. 5.   | *PENLINGTON, CHARLES BERKELEY  | Poylehill House, Tongham, Surrey.                                      |
| 1890 Jan. 14.  | *PENN, HARRY .. ..   | 260 South Norwood Hill, S.E.   |
| 1887 Jan. 11.  | *PENNY, ARTHUR ROBERT ..   | { Oficina Via y Obras, F. C. del Sud,<br>Buenos Aires.                 |
| 1880 Dec. 7.   | *PENNY, SEPTIMUS .. ..   | 24 Fairmile Avenue, Streatham, S.W.                                    |
| 1888 Dec. 4.   | *PERCEVAL, RICHARD DOUGLAS   | Kary Hill, Downpatrick, co. Down.                                      |
| 1885 Jan. 13.  | *PERKINS, HUGH FREDERICK ..  | Greystone, Bangor, N. Wales.   |
| 1892 Dec. 6.   | PERKINS, JOHN EDWARD SHARMAN   | { Hill Morton, The Park, Peter-<br>borough.                            |
| 1898 Apr. 5.   | PERKINS, THOMAS LUFF .. ..   | P. W. D., Hong Kong.   |
| 1906 Apr. 3.   | PERKINS, WILLIAM JOHN ..   | 17 Victoria Street, S.W.   |
| 1889 Feb. 5.   | *PERROT, SAMUEL DE .. ..   | Neuchâtel, Switzerland.  |
| 1898 Dec. 6.   | { PERROTT, SAMUEL WRIGHT,<br>B.A.I. ( <i>Dubl.</i> ) .. .. }           | { University of New Brunswick,<br>Fredericton, N.B., Canada.           |

Date of  
Election.

## ASSOCIATE MEMBERS.

|                |   |  |
|----------------|---|--|
| 1895 Feb. 5.   | { | PERROTT, WILLIAM GEORGE, } Gracefield House, Blackrock, co. Dublin.                                  |
|                |   | B.E. ( <i>Royal</i> ) .. .. .  |
| 1889 Dec. 3.   |   | PERRY, ARNOLD HENRY .. . P.W.D., Cairo, Egypt.   |
| 1900 Dec. 4.   |   | *PERRY, GEORGE STEPHENS .. { Ransomes & Rapier, 32 Victoria Street, S.W.                             |
| 1881 Feb. 1.   | { | PERRY, <i>Professor</i> JOHN, M.E. {   |
|                |   | ( <i>Queen's</i> ), D.Sc. ( <i>Royal</i> ), LL.D. { Royal College of Science, South Kensington, S.W. |
|                |   | ( <i>Glas.</i> ), F.R.S. .. .. .   |
| ✠ 1886 Dec. 7. |   | PERRY, THOMAS HOLMES .. Edgmond Hall, Newport, Salop.  |
| ✠ 1895 Dec. 3. |   | PERRY, GERRARD HATFIELD 28 Victoria St., Westminster, S.W.   |
| 1901 Jan. 8.   |   | *PETAVEL, JOSEPH ERNEST .. { Physical Laboratory, Owens College, Manchester.                         |
| 1900 Apr. 3.   |   | *PETERS, NEIL JAMES .. . Waterworks Office, Cardiff.   |
| 1905 Jan. 10.  |   | *PETHICK, GEORGE HAROLD .. Trewartha, Weston-super-Mare.   |
| 1900 Dec. 4.   |   | PETTERS, JAMES M'FARQUHAR P.W.D., Myitkyina, Upper Burma.  |
| 1905 Dec. 5.   |   | PEYRECAVE, GASTON RENE DE 30 Upper Bedford Place, W.C.   |
| 1886 Apr. 6.   | { | *PHELIPS, HENRY VIVIAN } c.o. H. S. King & Co., Pall Mall, S.W.                                      |
|                |   | MAJENDIE .. .. .   |
| 1903 Apr. 7.   | { | *PHELPS, GEORGE INGRAM DE } 415 Hagley Road, Edgbaston.  |
|                |   | BRISSAC, M.A. ( <i>Cantab.</i> ) ..  |
| 1888 Dec. 4.   |   | PHILIP, WILLIAM MARSHALL .. { Loveday House, Loveday and Marshall Street, Johannesburg.              |
| 1904 Jan. 12.  |   | PHILLIMORE, HUGH BOUCHIER Kwala Lumpor, Selangore, S.S.  |
| 1885 Dec. 1.   |   | PHILLIMORE, JOSEPH .. . Chiromo, British Central Africa.   |
| 1888 Feb. 7.   |   | PHILLIPS, ARTHUR GAVED .. 11 Essex Villas, Phillimore Gardens, W.                                    |
| 1891 Feb. 3.   | { | PHILLIPS, ERNEST ALFRED } c.o. Grindlay & Co., 54 Parliament Street, S.W.                            |
|                |   | WILLIAM .. .. .  |
| 1904 Jan. 12.  |   | PHILLIPS, GEORGE ALFRED .. { County Surveyor's Office, Bridgend, Glamorgan.                          |
| 1891 Dec. 1.   |   | *PHILLIPS, HERBERT .. . 18 Stonor Road, W. Kensington, W.  |
| 1894 Dec. 4.   |   | PHILLIPS, JOHN .. . Apartado 88, Mexico City.  |
| 1896 Dec. 1.   |   | PHILLIPS, ROBERT .. . 9 Belgrave Road, Gloucester.   |
| 1895 Feb. 5.   |   | PHILLIPS, ROBERT EDWARD .. 70 Chancery Lane, W.C.  |
| 1902 Dec. 2.   | { | *PHILLIPS, WALTER PATRICK } 11 Dudley Road, Kingston-on-Thames.                                      |
|                |   | FREAR .. .. .  |
| 1897 Feb. 2.   |   | PHILLIPS, WILLIAM LLEWELYN { N.E.Ry., New Bridge Street Station, Newcastle-on-Tyne.                  |
| 1903 Apr. 7.   |   | PHIPPS, FREDERICK REGINALD Boro' Surveyor, Basingstoke.  |
| 1904 Dec. 6.   |   | *PHIPPS, NEVILLE LECKONBY Wrango, Denham, Bucks.   |
| 1891 Jan. 13.  |   | PICKARD, ALFRED BARNES .. 60 Madeira Road, Streatham, S.W.   |
| 1898 Jan. 11.  |   | PICKERING, WILLIAM TODD .. { New Graving Dock, Contractor's Office, Queen's Road, Belfast.           |
| 1895 Dec. 3.   |   | PICKLES, GEORGE HENRY .. Boro' Surveyor, Burnley.  |
| 1896 Feb. 4.   |   | *PIERCE, HUGH, B.A. ( <i>Cantab.</i> ) { G. R. Turner, Limited, Langley Mill, near Nottingham.       |
| 1891 Feb. 3.   |   | *PIGOTT, FRANCIS JOSEPH .. { Deputy Colonial Engineer, Penang, S.S.                                  |
| 1894 Apr. 3.   |   | PILKINGTON, ARTHUR .. . c.o. H.S. King & Co., 65 Cornhill, E.C.                                      |
| 1883 Feb. 6.   |   | *PILKINGTON, OLIVER STAINTON { Ivanhoe, Fferm Bach Road, Craig-y-Don, Llandudno.                     |
| 1902 Dec. 2.   |   | PILLING, ARTHUR WILLIAM .. { 39 Prudential Assurance Buildings, Leeds.                               |
| 1904 Jan. 12.  |   | PILLING, HERBERT WYATT .. { 28 Manningham Lane, Bradford, Yorks.                                     |
| 1881 Mar. 1.   |   | PILLOW, EDWARD .. . Shirehall, Norwich.  |
| 1905 Dec. 5.   | { | PINCKNEY, FREDERICK GEORGE } Manor House, Great Durnford, Salisbury.                                 |
|                |   | AUGUSTUS .. .. .   |
| 1896 Feb. 4.   |   | *PINCOMBE, WILLIAM EDWIN .. East Indian Ry., Calcutta.   |
| 1880 Mar. 2.   |   | *PINE, ARTHUR CHILLEY .. { c.o. Sir C. MacGregor & Co., 25 Charles Street, St. James' Square, S.W.   |
| 1900 Dec. 4.   | { | PINKERTON, EDMUND SUFFERN, } Town Hall, Belfast.   |
|                |   | B.E., B.A. ( <i>Royal</i> ) .. ..  |
| 1879 Feb. 4.   |   | PIPE, SAMUEL MATTHEW .. 13 West Pier, London Dock, E.  |



| Date of Election. |               | ASSOCIATE MEMBERS.   |   |
|-------------------|---------------|--|---|
|                   | 1900 Dec. 4.  | *PITCAIRN, FRANCIS BERNARD                                 | Waterworks, Shanghai, China.                                      |
|                   | 1897 Feb. 2.  | *PITTAR, GEORGE FRANCIS ..                                 | { 17 Mount Ararat Road, Richmond, Surrey.                         |
|                   | 1904 Dec. 6.  | PLANT, WILLIAM .. .. .                                     | 69 Glenfield Road, Leicester.                                     |
| m ✚               | 1889 Dec. 3.  | *PLATT, JOHN .. .. .                                       | { 97 Cedar Street, New York, U.S. (Terneza, New York.)            |
|                   | 1892 Jan. 12. | PLATTS, HENRY CHARLES ..                                   | 5 Duke Street, London Bridge, S.E.                                |
|                   | 1895 Jan. 8.  | PLATTS, THEODORE SERGIUS ..                                | { Platts & Co., 8 Maly Pereouluk, Odessa, Russia.                 |
|                   | 1905 Dec. 5.  | { PLOMER, PERCIVAL FREEMAN<br>PIGOTT .. .. .               | { R. Plomer, Punjab Police, Amritsar, India.                      |
|                   | 1891 Dec. 1.  | POLLITT, ROBERT BARNABAS ..                                | { De Beers Explosives Works, Cape Town, C.C.                      |
|                   | 1896 May 19.  | *POLLOCK, JAMES, Jun. .. ..                                | { c.o. J. Pollock, Sons & Co., 3 Lloyd's Avenue, E.C.             |
|                   | 1904 Jan. 12. | *POLLOK, JOHN .. .. .                                      | { Charing Cross, Euston & Hampstead Ry., 39 Chalk Farm Road, N.W. |
|                   | 1897 Feb. 2.  | *POLWHELE, JOHN ARCHIBALD                                  | Bareilly, U.P., India.  |
|                   | 1882 Dec. 5.  | PONT, GEORGE VICTOR .. ..                                  | B.N. Ry., Vizianagram, India.                                     |
|                   | 1892 May 3.   | POOLE, EDWARD COOPER ..                                    | 5 Portland Street, Southampton.                                   |
| ✚                 | 1894 Dec. 4.  | { *POOLE, WILLIAM, Jun.,<br>B.E. (Sydney) .. .. .          | { School of Mines, Charters Towers, Queensland.                   |
|                   | 1893 Dec. 5.  | *POOLEY, HUBERT .. .. .                                    | Corporation Gas Dept., Stafford.                                  |
|                   | 1881 May 31.  | *POPE, FRANCIS JOHN .. ..                                  | 36 St. Mary's Mansions, Paddington, W.                            |
|                   | 1892 Dec. 6.  | *POPE, THOMAS, Jun. .. ..                                  | Wytham, Maze Road, Kew, W.  |
|                   | 1889 Dec. 3.  | POPKISS, EDWARD PETER ..                                   | C. G. Rys., Bulawayo, Rhodesia.                                   |
| t ✚               | 1897 Mar. 2.  | { POPPLEWELL, WILLIAM CHARLES,<br>M.Sc. (Victoria) .. .. . | { Bowden Lane, Marple, Stockport.                                 |
|                   | 1889 Feb. 5.  | *PORTEOUS, GEORGE WILLIAM ..                               | Casa Colon, Huelva, Spain.  |
|                   | 1875 Apr. 6.  | PORTER, EDMUND VERNON ..                                   | { Mansion House Chambers, Queen Victoria Street, E.C.             |
|                   | 1899 Apr. 11. | PORTER, EUSTACE WILLIAM ..                                 | { Tavy Villa, Blandford Road, St. Albans.                         |
|                   | 1902 Apr. 8.  | PORTER, GEOFFREY .. .. .                                   | Electricity Works, Worthing.                                      |
|                   | 1890 Dec. 2.  | *PORTER, JAMES ROBERTSON ..                                | { New River Office, Rosebery Avenue, E.C.                         |
|                   | 1900 Jan. 9.  | { PORTER, RALPH CLASSON,<br>M.Sc. (Victoria) .. .. .       | { Crosby, Norman Road, Northfield, near Birmingham.               |
|                   | 1896 Dec. 1.  | *PORTSMOUTH, JOHN .. .. .                                  | { 12 Little College St., Westminster, S.W.                        |
|                   | 1876 Apr. 4.  | { POTTS, BENJAMIN LANGFORD<br>FORSTER .. .. .              | { Clercholt, Holmbury St. Mary, Dorking.                          |
| T t ✚             | 1879 May 27.  | POTTS, JOHN JAMES .. .. .                                  | 215 Liverpool Road South, Birkdale.                               |
|                   | 1897 Feb. 2.  | { *POULDEN, GEORGE EDWARD<br>LUTHER .. .. .                | { 46 Marlborough Mansions, Cannon Hill, N.W.                      |
|                   | 1881 May 3.   | POWELL, EDWARD .. .. .                                     | Pendennis, Whitechurch, Cardiff.                                  |
|                   | 1885 Dec. 1.  | POWELL, HENRY BOLLAND ..                                   | 19 Victoria Street, S.W.  |
|                   | 1904 Jan. 12. | { *POWELL, HERBERT JAMES<br>BINGHAM .. .. .                | { al cuidado del Señor Alcalde de Lima, Peru.                     |
|                   | 1895 Dec. 3.  | POWELL, ROBERT ALBERT ..                                   | P.W.D., Colombo, Ceylon.  |
|                   | 1900 Dec. 4.  | POWELL, SIDNEY JOHN .. ..                                  | c. o. W. Danby, Hong Kong.  |
|                   | 1887 Mar. 1.  | { POWER, JOHN MOORHEAD,<br>B.A. (Cantab.) .. .. .          | { British Consulate, Linares, Spain.                              |
| ✚                 | 1880 Dec. 7.  | { POWLES, HENRY HANDLEY<br>PRIDHAM .. .. .                 | { 90 Oakley Street, Chelsea, S.W.                                 |
| ✚                 | 1894 Dec. 4.  | *POWNALL, JOHN .. .. .                                     | { Idlewild, Westville Road, Thames Ditton, Surrey.                |
|                   | 1904 Dec. 6.  | { POYNTON, LANCELOT ED-<br>WARD .. .. .                    | { 47 Restrel Avenue, Herne Hill, S.E.                             |
|                   | 1893 Dec. 5.  | PRADO, LEOPOLDO DE ABREU ..                                | 41 Praia de Cajú, Rio de Janeiro.                                 |
|                   | 1864 Mar. 1.  | PREBELE, CHARLES TREW ..                                   | Temperley, Hucclecote, Gloucester.                                |



| Date of Election. |  | ASSOCIATE MEMBERS. |   |
|-------------------|--|--------------------|---|
| 1893 Dec. 5.      | *PREBBLE, ERNEST .. ..   | {                  | L. & N. W. Ry., Engineer's Office, Crewe.               |
| 1903 Apr. 7.      | *PRECHOUS, ROBERT .. ..  | {                  | Sir J. Jackson, Ltd., Pier Works, Tynemouth.            |
| 1897 Apr. 6.      | *PREECE, WILLIAM LLEWELLYN   | {                  | 8 Queen Anne's Gate, S.W.                               |
| 1902 Apr. 8.      | PREECE, WILLIAM WALTON ..  | {                  | Engineer's Office, G.N. Ry., King's Cross, N.           |
| t ✚ 1876 Dec. 5.  | {PRELLER, CHARLES SHEIBNER<br>DuRICHE, M.A., Ph.D. ( <i>Leipzig</i> )} | {                  | 61 Melville Street, Edinburgh.                          |
| 1895 Feb. 5.      | PRENDERGAST, PATRICK JOSEPH  | {                  | Borough Surveyor, Athlone, Ireland.                     |
| ✚ 1885 Apr. 14.   | *PRENTICE, ERNEST SAMUEL ..  | {                  | P.O. Box 2872, Johannesburg.                            |
| 1887 Dec. 6.      | *PRENTICE, THOMAS THEOPHILUS   | {                  | Waterworks, Lima, Peru.                                 |
| 1901 Apr. 2.      | PRESCOTT, WILLIAM HENRY ..   | {                  | 712 High Road, Tottenham, N.                            |
| 1897 Apr. 6.      | PREST, WILLIAM .. ..   | {                  | Rockholme, Ben Rhydding, Leeds.                         |
| 1882 Feb. 7.      | *PRESTIGE, SYDNEY .. ..  | {                  | Bornersmede, Blackheath Park, S.E.                      |
| 1882 May 2.       | {PRESTON, EDWARD STUART,<br>M.A. ( <i>Cantab.</i> ) .. ..}             | {                  | 49 Roland Gardens, S.W.                                 |
| 1897 Mar. 2.      | *PRESTON, FREDERICK KENNERLEY  | {                  | c.o. Malcomess & Co., East London, C.C.                 |
| m ✚ 1876 May 30.  | *PRESTON, SIDNEY, C.I.E. ..  | {                  | c.o. Thos. Cook & Son, Ludgate Circus, E.C.             |
| 1897 Dec. 7.      | PRETTY, WILLIAM HENRY ..   | {                  | Fell Side, Cutcliffe Road, Bedford.                     |
| 1898 Dec. 6.      | PRICE, ALAN, B.A. ( <i>Dubl.</i> ) ..                                  | {                  | Prince's Bldgs., St. George's Terrace, Perth, W.A.      |
| 1893 Feb. 7.      | *PRICE, ARTHUR BOYD .. ..  | {                  | Marsland, Price & Co., Nesbit Road, Bombay.             |
| 1897 Apr. 6.      | *PRICE, JAMES HENRY .. ..  | {                  | Brompton & Piccadilly Ry., 8 Sherwood Street, W.        |
| 1886 Apr. 6.      | PRICE, JOHN .. ..  | {                  | Bureau des Services Sanitaires, Cairo.                  |
| 1894 May 1.       | PRICE, JOSEPH .. ..  | {                  | 125 Bunhill Row, E.C.                                   |
| 1887 Jan. 11.     | {PRICE, WILLIAM ARTHUR,<br>M.A. ( <i>Oxon.</i> ) .. ..}                | {                  | The Mill House, Broomfield, Chelmsford.                 |
| 1891 Feb. 3.      | PRICE, WILLIAM EDWARD ..   | {                  | Gas Works, Hampton Wick.                                |
| 1891 Jan. 13.     | PRICHARD, DAVID .. ..  | {                  | Brithwernydd, Penrhyn Dendraeth, N. Wales.              |
| 1904 Apr. 12.     | {PRIESTMAN, HAROLD,<br>M.Sc. ( <i>Victoria</i> ) .. ..}                | {                  | Ashton Grove, Ashton-on-Mersey.                         |
| 1891 Mar. 3.      | *PRIGG, HENRY VICTOR .. ..   | {                  | South Devon Chambers, Millbay Station, Plymouth.        |
| 1880 Jan. 13.     | PRIMROSE, ADAM .. ..   | {                  | Caixa 403, Rio de Janeiro.                              |
| 1890 May 20.      | *PRINCE, HERBERT WALTER ..   | {                  | La Guaira Harbour, Venezuela.                           |
| 1888 Dec. 4.      | *PRINSEP, REGINALD SEYMOUR   | {                  | Junior Carlton Club, Pall Mall, S.W.                    |
| m 1898 Dec. 6.    | *PRITCHARD, PHILIP MORRIS ..   | {                  | United Alkali Co., Widnes.                              |
| 1903 Apr. 7.      | {PRIVETT, JASPER BENJAMIN<br>JOSEPH .. ..}                             | {                  | 142 Leander Road, Brixton Hill, S.W.                    |
| ✚ 1889 Dec. 3.    | *PROCTER, HERBERT TATHAM ..  | {                  | 32 Market Square, Lancaster.                            |
| 1894 Mar. 6.      | PROCTOR, HAROLD FARADAY ..   | {                  | Electric Light Station, Bristol.                        |
| 1896 Feb. 4.      | PROCTOR-SIMS, ERNEST WILLIAM   | {                  | P.W.D., Bhaynagar, Kathiawar, India.                    |
| 1898 Feb. 1.      | *PROES, ERNEST MARINUS ..  | {                  | P.W.D., Hyderabad, Sind.                                |
| 1902 Apr. 8.      | PROPHET, JOHN DOWNIE ..  | {                  | Port Herald, <i>via</i> Chinde, British Central Africa. |
| 1879 Feb. 4.      | *PROUSE, OSWALD MILTON ..  | {                  | Alvington, Slade Road, Ilfracombe.                      |
| 1896 Dec. 1.      | PROUT, WILLIAM MORRIS ..   | {                  | Box 1, Knights, Transvaal.                              |
| ✚ 1887 Dec. 6.    | *PROVIS, RICHARD .. ..   | {                  | Kwarken, <i>via</i> Orsk, Russia.                       |
| 1878 Jan. 15.     | PROVIS, THOMAS BAWDEN ..   | {                  | The Dean, Saltash.                                      |
| 1886 May 18.      | PUCKERING, ROBERT COMINS ..  | {                  | Britannia Ironworks, Gainsborough.                      |
| 1893 May 2.       | {PUIG DE LA BELLACASA Y SAN-<br>CHEZ, NARCISO .. ..}                   | {                  | Serrano 30, Madrid.                                     |
| m ✚ 1892 Jan. 12. | {*PULLEN, WILLIAM WADE FITZ-<br>HERBERT .. ..}                         | {                  | 9 Malbrook Road, Putney, S.W.                           |
| 1884 Dec. 2.      | PULLON, JOSEPH THOMAS ..   | {                  | Rowangarth, North Park Road, Roundhay, Leeds.           |

| Date of Election.  | ASSOCIATE MEMBERS.  |  |
|--------------------|---|--|
| 1899 Mar. 7.       | PULMAN, THOMAS CHARLES ..   | Grindlay & Co. Calcutta.   |
| ✠ 1883 May 29.     | *PUNCHARD, WILLIAM CHARLES  | 151 Cannon Street, E.C.  |
| ✠ 1880 May 4.      | { PURCELL, GERVAISE,<br>B.A. ( <i>Dubl.</i> ) .. .. . }               | 412 Wilcox Building, Los Angeles, Calif., U.S.                     |
| 1905 Apr. 4.       | PURCELL, JAMES EDWARD ..  | { Oshagbo Extension, Lagos Govt. Ry.,<br>W. Africa.                |
| 1905 Dec. 5.       | { *PURCELL, PIERCE FRANCIS,<br>B.A., R.A.I. ( <i>Dubl.</i> ) .. .. }  | L.C.C. Eng.'s Office, Eliot Place, Blackheath, S.E.                |
| 1899 Jan. 10.      | *PURSER, WALTER BISHOP ..   | + St. Peter's Hill, Grantham.                                      |
| 1904 Apr. 12.      | PURVES, THOMAS JOLLY ..   | L & N. W. Ry., Eng.'s Office, Crewe.                               |
| 1893 May 2.        | { *PUTMAN, WILLIAM ERNEST<br>YOUNG .. .. . }                          | Boro' Surveyor, Morley.  |
| 1901 Feb. 5.       | { PYBUS, WILLIAM HENRY<br>LAWSON .. .. . }                            | Govt. Rys., Maritzburg, Natal.                                     |
| 1893 Mar. 7.       | *PYKE, LAZARUS .. .. .  | 10 Westbourne Terr., Hyde Park, W.                                 |
| 1902 Jan. 14.      | *PYNE, ALBERT PERIAM .. ..  | { Croft House, Abbey Road, Barrow-<br>in-Furness.                  |
| 1885 Dec. 1.       | *PYNE, HERBERT BARRINGTON   | Calle 25 de Mayo 81, Buenos Aires.                                 |
| 1904 Apr. 12.      | QUICK, ALBERT HEDLEY ..   | 15 Fernholme Road, Nunhead, S.E.                                   |
| 1895 Dec. 3.       | QUODLING, WILLIAM JAMES ..  | { District Works Office, Dubbo, New<br>South Wales.                |
| 1891 Dec. 1.       | RABADINA, DORABJEE BHIKHAJEE  | B. B. & C. I. Ry., Bombay.   |
| 1887 Dec. 6.       | RADCLIFF, EDWARD .. .. .  | { Rathdaire Cottage, Ballybrittas,<br>Queen's County.              |
| 1896 Mar. 3.       | RADCLYFFE, LESLIE .. ..   | 35 Queen Victoria Street, E.C.                                     |
| 1897 Apr. 6.       | { RADDIN, GEORGE HENRY,<br>B.E. ( <i>Royal</i> ) .. .. . }            | Woodmancote, Fairfield Road, South-<br>ville, Bristol.             |
| 1889 Jan. 8.       | RADFORD, JOHN CHARLES ..  | 163 Upper Richmond Rd., Putney, S.W.                               |
| 1884 Feb. 5.       | RADFORD, WILLIAM HENRY ..   | { Albion Chambers, King Street,<br>Nottingham.                     |
| 1895 Feb. 5.       | { RADLEY, EDWARD YELF,<br>B.A. ( <i>Oxon.</i> ) .. .. . }             | 27 Albert Hall Mansions, S.W.                                      |
| 1879 Mar. 4.       | RADLEY, JOHN ALFRED .. ..   | G. E. Ry., Thorpe, Norwich.  |
| 1898 Dec. 6.       | RAFF, ALEXANDER CUMMING   | { Railway Dept., Brisbane, Queens-<br>land.                        |
| 1899 Dec. 5.       | *RAIKES, HUGH PERCIVAL ..   | { 14 Francis Road, Edgbaston,<br>Birmingham.                       |
| 1904 Dec. 6.       | RAMSAY, JOHN .. .. .  | { W. Callaghan, 26 Crichton Street,<br>Springburn, Glasgow.        |
| 1903 Jan. 13.      | *RAMSEY, ALBERT NORMAN ..   | { Caledonian Railway, Dock Exten-<br>sion Works, Grangemouth, N.B. |
| 1892 Dec. 6.       | { *RAMUS, BERTRAM EDWARD DE<br>NOUAL, B.A. ( <i>Cantab.</i> ) .. .. } | Playden Rectory, Rye, Sussex.                                      |
| 1896 Dec. 1.       | RANDALL, AUGUSTUS CHARLES   | 72 Bellenden Road, Peckham, S.E.                                   |
| 1876 May 30.       | *RANDELL, JOHN WILLIAM ..   | { Grove House, Bagley's Lane, Ful-<br>ham, S.W.                    |
| 1894 Feb. 6.       | *RANKEN, ARTHUR WILLIAM ..  | Culverwood, Cross-in-Hand, Sussex.                                 |
| 1906 Apr. 3.       | { RANKIN, JAMES ALEXANDER,<br>B.A., B.A.I. ( <i>Dubl.</i> ) .. .. }   | Kinvarra Harbour, co. Galway.                                      |
| 1874 Apr. 14.      | RANKINE, DAVID .. .. .  | 238 West George Street, Glasgow.                                   |
| WtMm✠ 1892 Dec. 6. | *RANSOM, HERBERT BYROM ..   | { Manlove, Alliot & Co., 41 Parlia-<br>ment Street, S.W.           |
| 1890 Feb. 4.       | { *RANSOM, PETER AUGUSTUS,<br>B.A. ( <i>Cantab.</i> ) .. .. . }       | Grosvenor Lodge, Beckenham, S.E.                                   |
| 1905 Apr. 4.       | RANSOM, WILLIAM .. .. .   | Midhurst, Bath Road, Worcester.                                    |
| 1896 Feb. 4.       | RANSOME, FREDERICK STANLEY  | { Schill Seebohm & Co., 117 Portland<br>Street, Manchester.        |
| 1892 Dec. 6.       | RAO, KEKOBAD HORMASJEE ..   | { Azhikhat-Mangalore Ry., Kasargod,<br>S. Camara, India.           |

| Date of Election. |   | ASSOCIATE MEMBERS.  |  |
|-------------------|---|---|--|
| 1892 Dec. 6.      | *RAPER, JOHN CHARLES DODGSON                                | G. I. P. Ry., Jubbelpur, C.P., India.                                 |  |
| 1888 Mar. 6.      | *RAPLEY, FREDERICK HARVEY ..                                | Prudential Bldgs., Park Row, Leeds.                                   |  |
| 1892 Dec. 6.      | RATANJI, MANACKJI .. ..                                     | Port Trust, Bombay.   |  |
| 1893 Dec. 5.      | *RATHBONE, ACHESON LYLE ..                                  | Oakfield, Penny Lane, Liverpool.                                      |  |
| 1882 Feb. 7.      | *RATHBONE, EDGAR PHILIP ..                                  | Box 2998, Johannesburg, Transvaal.                                    |  |
| B 1906 Jan. 9.    | *RATTENBURY, OSCAR BRANCH                                   | H.M. Dockyard, Malta.   |  |
| 1898 Apr. 5.      | RAVEN, VINCENT .. ..  | N. E. Ry., Darlington.  |  |
| t ✠ 1890 May 20.  | RAVENSHAW, HENRY WILLOCK                                    | Rutland House, Hanwell, W. (Ealing P.O. 735.)                         |  |
| 1886 Dec. 7.      | *RAVES, BERTRAM ADAMS ..                                    | R.E. Office, Radnor House, Salisbury.                                 |  |
| 1895 Apr. 2.      | *RAVES, BRIAN ALBERT ..                                     | R.E. Office, Archcliffe Fort, Dover.                                  |  |
| 1885 Dec. 1.      | *RAWSON, FREDERICK LAWRENCE                                 | 24-26 Hart Street, New Oxford Street, W.C. (Gerrard 6302.)            |  |
| ✠ 1902 Jan. 14.   | {*RAYNER, EDWIN HARTREE, M.A. ( <i>Cantab.</i> ) .. ..}     | Elm Lodge, Queen's Rd., Teddington.                                   |  |
| 1891 Dec. 1.      | *RAYNER, FRANK .. ..  | {1 Alexandra Road, Sherwood Rise, Nottingham.                         |  |
| 1904 Jan. 12.     | READ, FRANK .. ..   | {Public Offices, Pentre, Rhondda, Glam.                               |  |
| 1884 Dec. 2.      | *READ, HARRY VAUGHAN RUDSTON                                | {Broad St. Avenue, Blomfield St., E.C. (Valorem, London. Avenue 562.) |  |
| 1881 Feb. 1.      | READ, RICHARD .. ..   | City Surveyor, Gloucester. [S.W.                                      |  |
| m 1878 May 7.     | *READ, RICHARD JOHN GIFFORD                                 | 1 Great Chapel Street, Westminster,                                   |  |
| m 1882 Feb. 7.    | *READ, ROBERT HENRY .. ..                                   | {Cadogan Ironworks, Lots Road, Chelsea, S.W.                          |  |
| 1891 Feb. 3.      | READE, JAMES FRANCIS .. ..                                  | 9 Bridge Street, Westminster, S.W.                                    |  |
| 1871 Apr. 4.      | READE, THOMAS MELLARD ..                                    | {Park Corner, Blundellsands, Liverpool.                               |  |
| 1904 Dec. 6.      | REED, JOHN BEYNON ARTHUR                                    | P.W.D., Sydney, N.S.W.  |  |
| 1906 Apr. 3.      | REED, STANLEY JOHN .. ..                                    | {78 Mount Pleasant, Barrow-in-Furness.                                |  |
| 1887 Dec. 6.      | REES, FREDERICK HOWELL ..                                   | {Avontuur Ry., P.O. Box 448, Port Elizabeth, C.C.                     |  |
| 1894 May 22.      | REESON, JOSEPH NEWELL .. ..                                 | {Gas Light & Coke Co., York Road, King's Cross, N.                    |  |
| 1906 Apr. 3.      | REEVE, WALTER .. ..   | {Engineering Department, Technical Institute, West Ham, E.            |  |
| 1904 Dec. 6.      | REEVES, FRANK .. ..   | 25 de Mayo 277, Buenos Aires.   |  |
| 1903 Jan. 13.     | *REEVES, RICHARD EAGLE ..                                   | {40 St. Peter's Square, Hammer-smith, W.                              |  |
| 1895 Dec. 3.      | REID, ALEXANDER .. ..                                       | {W. A. Reid, 6 Golden Square, Aberdeen.                               |  |
| 1892 Dec. 6.      | REID, ANDREW .. ..  | {McAlpine & Sons, 188 St. Vincent Street, Glasgow.                    |  |
| 1896 Feb. 4.      | REID, DAVID JOHN .. ..                                      | {York House, Church Street, Inverness.                                |  |
| 1904 Jan. 12.     | *REID, HAROLD .. ..   | {30 Dennington Park Road, Hampstead, N.W.                             |  |
| 1894 Dec. 4.      | REID, JOHN HENRY ONSLOW ..                                  | Pauling & Co., Bulawayo, Rhodesia.                                    |  |
| 1878 May 28.      | {REINCKE, HANS RODERICH LEOPOLD .. ..}                      | 2 Laurence Pountney Hill, E.C. (Bank 530.)                            |  |
| ✠ 1893 May 16.    | *REINHOLD, GUSTAVE CHARLES                                  | 11 Hervey Road, Blackheath, S.E.                                      |  |
| 1905 Dec. 5.      | {*RENDELL, ELIAS DE LA ROCHE, B.Sc. ( <i>Lond.</i> ) .. ..} | Whinside, Whalley Road, Acerington, Lanes.                            |  |
| 1903 Apr. 7.      | *RENTREE, THOMAS ROLLS ..                                   | {Westinghouse Works, Trafford Park, Manchester.                       |  |
| 1882 Mar. 7.      | RENWICK, CHARLES .. ..                                      | {Public Works Offices, Kingston, Jamaica.                             |  |
| 1905 Dec. 5.      | {*RESTLER, JAMES DOUGLAS KENDALL .. ..}                     | 17 Queen's Gate, S.W.   |  |
| 1893 May 2.       | REVILL, WILLIAM HENRY ..                                    | Beira Railway, Umtali, Rhodesia.                                      |  |



| Date of<br>Election. | ASSOCIATE MEMBERS.  |  |
|----------------------|---|--|
| 1899 Dec. 5.         | REYNOLDS, CHARLES HUBERT ..   | { Crown Agent's Office, Downing Street, S.W.                         |
| 1894 May 1.          | REYNOLDS, ERNEST JOHN ..  | { 3 Clarendon Villas, Beaconsfield Road, New Southgate.              |
| m 1894 Dec. 4.       | *REYNOLDS, FRANK PAUL ..  | { Bureau of Engineering, Manila, Philippines.                        |
| 1898 Dec. 6.         | { REYNOLDS, JOHN FRANCIS<br>JODRELL .. .. . }                       | 47 Victoria Street, S.W.   |
| 1901 Mar. 5.         | REYNOLDS, JOHN JAMES .. ..  | 18 Booth Street, Manchester.   |
| 1890 Jan. 14.        | *REYNOLDS, LESLIE HUNTER ..   | Wellington, New Zealand.   |
| 1886 Jan. 12.        | *REYNOLDS, THOMAS BLAIR ..  | 28 Victoria Street, S.W.   |
| 1900 Dec. 4.         | *RHODES, BEN ALBERT .. ..   | Hallas, Kirkburton, Huddersfield.                                    |
| 1904 Dec. 6.         | *RHODES, SAMUEL COLEY .. ..   | Gordon College, Khartum.   |
| 1882 Dec. 5.         | RICH, HOWARD .. .. .  | Fay Gate, Sussex.  |
| 1903 Jan. 13.        | *RICH, THEODORE .. .. .   | 104 St. George's Square, S.W.  |
| 1898 Apr. 2.         | RICHARDS, EDWIN MELVILLE ..   | Boro' Engineer, Warwick.   |
| 1905 Apr. 4.         | RICHARDS, GEORGE HAMILTON ..  | P.W. Dept., Penang, S.S.   |
| 1893 May 16.         | *RICHARDS, HENRY FINES ..   | Woodlands Lodge, Isleworth.  |
| 1893 Apr. 11.        | RICHARDSON, CECIL .. .. .   | B.B. & C.I. Ry., Bombay.   |
| 1887 Jan. 11.        | *RICHARDSON, GEORGE RICHARD   | { Dawankuttie, Adelaide Rd., Surbiton.                               |
| 1890 Feb. 4.         | *RICHARDSON, HARRY .. ..  | Council House, Handsworth, Staffs.                                   |
| 1897 Jan. 12.        | RICHARDSON, HARRY ALFRED ..   | Elsinore, Heaton, Bolton.  |
| 1904 Apr. 12.        | { *RICHARDSON, HERBERT LINDSLEY, B.A. ( <i>Cantab.</i> ) .. .. }    | Richardson and Cruddas, Bombay.                                      |
| 1897 Apr. 6.         | { RICHARDSON, JOHN WILLIAM<br>MELLING .. .. . }                     | Waterworks, 52 Balls Road, Birkenhead.                               |
| 1893 May 16.         | RICHARDSON, WILLIAM ARTHUR  | { Glen Heather, Dryburgh Road, Putney, S.W.                          |
| 1885 May 5.          | *RICKETTS, DASHWOOD POYNTZ  | c.o. H.B.M. Consul, Tientsin, China.                                 |
| 1900 Mar. 6.         | *RICKMAN, JAMES, M.A. ( <i>Cantab.</i> )                            | 14 Walbrook, E.C.  |
| 1897 Jan. 12.        | RIDLEY, CLARENCE OLIVER .. ..                                       | 8 Great George Street, S.W.  |
| 1886 Mar. 2.         | *RIDLEY, MARTYN NOEL .. ..  | 199 Westminster Bridge Rd., S.E.                                     |
| 1900 Dec. 4.         | RIGBY, ARTHUR BERTRAM .. ..   | 9 Holland Park Mansions, W.  |
| t ✚ 1897 Feb. 2.     | { *RIGBY, EDWARD HULME,<br>B.Sc. ( <i>Victoria</i> ) .. .. }        | Imp. Rys. of North China, Tientsin, China.                           |
| 1904 Jan. 12.        | *RIGG, FREDERICK JAMES .. ..  | { N.E. Ry. Dock Engineer's Office, Hull.                             |
| 1902 Mar. 4.         | { *RISHWORTH, FRANK SHARMAN,<br>B.A., B.E. ( <i>Royal</i> ) .. .. } | Polytechnic School of Engineering, Cairo.                            |
| 1888 Jan. 10.        | RISTORI, EMANUEL JOSEPH .. ..                                       | { 66 Victoria Street, S.W. (Ristori, London. Westminster 5058.)      |
| ✚ 1899 Dec. 5.       | RITCHIE, EDGAR GOWAR .. ..  | { Metropolitan Board of Works, 501 Collins St., Melbourne, Victoria. |
| 1885 Apr. 14.        | RITSON, THOMAS NOBLE .. ..  | { 1 West Cliff Villas, West Cliff Road, Ramsgate.                    |
| 1900 Dec. 4.         | RIVERS, CHARLES EDWIN .. ..   | Municipal Offices, Harrogate.  |
| 1890 Feb. 4.         | *ROACH, WILLIAM LLOYD .. ..   | District Council, Tredegar, Mon.                                     |
| 1890 Mar. 4.         | *ROBERTS, CHARLES, F.C.H. .. ..                                     | { Nacoochee Hills Gold Mining Co., Robertstown, Ga., U.S.A.          |
| 1904 Dec. 6.         | ROBERTS, CHARLES HAROLD .. ..                                       | Engineer's Office, Met. Ry., Neasden.                                |
| 1898 Apr. 5.         | ROBERTS, FRANK .. .. .  | Boro' and Water Engineer, Worthing.                                  |
| 1896 May 19.         | *ROBERTS, GERVASE HENRY .. ..                                       | { Homefield, Manor Road, Sidcup, Kent.                               |
| 1897 Feb. 2.         | ROBERTS, JOHN .. .. .   | 28 Fisher Street, Swansea.   |
| 1892 Dec. 6.         | ROBERTS, JOHN BROAD .. ..   | { Henry Nourse Gold Mining Co., Ltd., P.O. Box 1140, Johannesburg.   |
| 1892 Dec. 6.         | { *ROBERTS, JOHN MARRIS,<br>B.A.I. ( <i>Dubl.</i> ) .. .. }         | 5 Roseneath Villas, Military Road, Cork. [W.]                        |
| 1891 Jan. 13.        | ROBERTS, LOUIS EDGAR .. ..  | 116 Coldershaw Road, West Ealing,                                    |
| 1904 Jan. 12.        | *ROBERTS, ROBERT CORYTON .. ..                                      | { Kennedy & Jenkin, 17 Victoria Street, S.W.                         |

Date of  
Election.

## ASSOCIATE MEMBERS.

|         |               |   |   |
|---------|---------------|---|---|
|         | 1893 Dec. 5.  | *ROBERTSON, ALEXANDER GORDON                            | 29 Samos Road, Anerley, S.E.                                |
| ✠       | 1899 Dec. 5.  | ROBERTSON, ANDREW ROBERT                                | 8 Park Circus Place, Glasgow.                               |
|         | 1892 May 3.   | { ROBERTSON, FULTON,<br>B.Sc. (Edin.) .. .. }           | Price, Wills & Reeves, New Dock<br>Works, Bombay.           |
|         | 1891 May 12.  | { *ROBERTSON, GEORGE THOMPSON,<br>B.Sc. (Edin.) .. .. } | Lautaro Nitrate Co., Taltal, Chile.                         |
|         | 1896 May 5.   | { ROBERTSON, HORACE PATRICK,<br>M.C.E. (Melb.) .. .. }  | Box 88, Kalgoorlie, Western<br>Australia                    |
|         | 1904 Dec. 6.  | ROBERTSON, JOHN, B.A.I. (Dubl.)                         | E.I. Ry., Calcutta.   |
|         | 1904 Apr. 19. | ROBERTSON, JOHN KERR .. ..                              | Grindlay, Groom and Co., Bombay.                            |
|         | 1894 Feb. 6.  | *ROBINS, FREDERICK SANDERSON                            | 1 Dolphin Lane, Boston, Lincs.                              |
|         | 1888 Dec. 4.  | ROBINS, WILLIAM HENRY .. ..                             | 82A New Street, Birmingham.                                 |
|         | 1890 Mar. 4.  | { ROBINSON, ARTHUR SAMUEL<br>FRANCIS .. .. }            | The White House, Barsham,<br>Beccles.                       |
|         | 1892 Dec. 6.  | ROBINSON, ERNEST GEORGE .. ..                           | { F. C. del Sud, Casa Amarilla,<br>Buenos Aires.            |
|         | 1906 Feb. 6.  | *ROBINSON, FRANCIS BERTRAM                              | Overdale, Skipton, Yorks. [S.W.                             |
|         | 1894 Feb. 6.  | ROBINSON, FREDERICK FOLEY                               | 1 Telford Avenue, Streatham Hill,                           |
|         | 1904 Apr. 12. | ROBINSON, HERBERT .. ..                                 | J. Robinson, Low Moor, Bradford.                            |
|         | 1880 Dec. 7.  | ROBINSON, HUGH CECIL .. ..                              | 35 St. James' Place, S.W.                                   |
| B m J ✠ | 1905 Feb. 7.  | *ROBINSON, ISAAC VINCENT .. ..                          | 34 West George Street, Glasgow.                             |
|         | 1887 Feb. 1.  | ROBINSON, JAMES .. ..                                   | P.W.D., Bhagulpore, Bengal.                                 |
|         | 1882 Dec. 5.  | *ROBINSON, JOHN NEWMAN .. ..                            | { Bagoha Extension, B. & N. W. Ry.<br>Gorakhpur, India.     |
|         | 1895 Feb. 5.  | *ROBINSON, JOSEPH PETER .. ..                           | 8 Trafalgar Rd., Birkdale, Southport.                       |
|         | 1895 Dec. 3.  | *ROBINSON, KEITH .. ..                                  | { Parliament Mansions, Victoria St.,<br>S.W.                |
|         | 1896 Dec. 1.  | ROBINSON, LEIGH .. ..                                   | { Electricity Department, Millfields<br>Road, Clapton, N.E. |
|         | 1906 Mar. 6.  | ROBINSON, LEONARD LESLIE .. ..                          | District Offices, Hamilton, N.B.                            |
|         | 1905 Dec. 5.  | *ROBINSON, PERCY JOHN .. ..                             | C. Heathcote & Sons, National<br>Avenue, Hull.              |
|         | 1904 Jan. 12. | *ROBINSON, RALPH .. ..                                  | { L.C.C. Belvedere Road, Lambeth,<br>S.E.                   |
|         | 1883 Dec. 4.  | *ROBINSON, RICHARD SYER .. ..                           | { Fairview, Warren Road, Bexley<br>Heath. [Bay.             |
|         | 1905 Dec. 5.  | ROBINSON, ROBERT .. ..                                  | Golding, Upper Promenade, Colwyn                            |
|         | 1882 May 2.   | ROBINSON, WILLIAM FLETCHER                              | 17 Greening Street, Abbey Wood,<br>Kent.                    |
|         | 1902 Dec. 2.  | *ROBINSON, WILLIAM HUBERT .. ..                         | 31 High St., Skelton-in-Cleveland.                          |
|         | 1899 Jan. 10. | ROBINSON, WILLIAM PAGE .. ..                            | Holmdene, Neville's Cross, Durham.                          |
|         | 1906 Mar. 6.  | *ROBINSON, WILLIAM PERCIVAL                             | 53 Camborne Grove, Gateshead.                               |
|         | 1904 Apr. 12. | *ROBSON, THOMAS .. ..                                   | St. Bedes, Hermon Hill, S. Woodford.                        |
|         | 1896 Feb. 4.  | ROBSON, THOMAS PEARSON .. ..                            | Laboratory, Royal Arsenal, Wool-<br>wich, S.E.              |
|         | 1905 Dec. 5.  | *ROCHE, RICHARD DE RUPE .. ..                           | P. O. Breyten, Ermelo District,<br>Transvaal.               |
|         | 1905 Dec. 5.  | { *ROCHER, CHARLES GUILLAUME<br>CORNEILLE .. .. }       | Napier, N.Z.  |
|         | 1888 Dec. 4.  | ROCHFORD, JAMES .. ..                                   | Woodbank, Grove Road, Eastbourne.                           |
|         | 1897 Dec. 7.  | RODDA, JOSEPH TONKIN .. ..                              | 58 Pennsylvania Road, Exeter.                               |
|         | 1885 May 19.  | *RODEN, HORACE HASSALL .. ..                            | 41 Prudential Buildings, Leeds.                             |
|         | 1901 Dec. 3.  | *RODWELL, FREDERICK JOHN .. ..                          | Calle Zegers 72, Iquique, Chili.                            |
|         | 1900 Dec. 4.  | { ROE, RICHARD DARTNELL<br>TENNANT .. .. }              | 40 Stockwell Park Road, S.W.                                |
|         | 1905 Dec. 5.  | ROGERS, ARTHUR .. ..                                    | 11 Ennismore Gardens, S.W.                                  |
| ✠       | 1900 Dec. 4.  | { *ROGERS, ARTHUR EDWARD,<br>B.A. (Oxon.) .. .. }       | Council Offices, Tottenham, N.                              |
|         | 1895 Jan. 8.  | *ROGERS, GEORGE SAMUEL WYON                             | The Hill, Monaghan, Ireland.                                |
|         | 1904 Dec. 6.  | ROGERS, JAMES SHAW .. ..                                | { Eng.-in-Chief's Office, Adelaide, S.<br>Australia.        |
|         | 1891 Dec. 1.  | ROGERS, OLIVER HERBERT .. ..                            | { ROGERS, RALPH BARON,<br>M.A. (Oxon.) .. .. }              |
|         | 1888 Dec. 4.  | { ROGERS, RALPH BARON,<br>M.A. (Oxon.) .. .. }          | Hexworthy, Launceston, Cornwall.                            |

| Date of Election. | ASSOCIATE MEMBERS.  |
|-------------------|---|
| 1902 Apr. 8.      | ROGERSON, ALBERT CHORLEY .. { Claremont, Dickenson Road, Rusholme, Manchester.  |
| 1891 Feb. 3.      | { *ROGERSON, JOHN EDWIN, }<br>B.A. ( <i>Cantab.</i> ) .. .. } Croxdale Hall, Durham.  |
| 1902 Jan. 14.     | { ROGET, SAMUEL ROMILLY, }<br>M.A. ( <i>Cantab.</i> ) .. .. } Falkland House, Cheniston Gardens, Kensington, W.                                 |
| 1890 Apr. 1.      | RÖHE, CHRISTIAN HEINRICH .. { Campinas, Estado de Sao Paulo, Brazil.  |
| 1872 May 14.      | ROMANA, EDWARD L. DE .. G. Stafford & Co., Arequipa, Peru.  |
| 1878 Mar. 5.      | ROMANES, GEORGE .. .. Craighknowe, Slateford, N.B.  |
| 1899 Mar. 7.      | ROOKE, THOMAS .. .. { c.o. Town Clerk, Town Hall, Sydney, N.S.W.  |
| 1906 Apr. 3.      | *ROOTHAM, HOWARD MELVILLE L.C.C., Spring Gardens, S.W.  |
| 1900 Jan. 9.      | *ROOTS, NEVILLE .. .. { 2 Kendal Avenue, Sanderstead, Surrey.   |
| 1886 Apr. 6.      | *ROPER, JOHN SIMPSON .. .. 32 Market Square, Lancaster.   |
| 1903 Apr. 7.      | ROSE, CECIL GUY .. .. Rayners, Penn, Bucks.   |
| 1888 Jan. 10.     | *ROSE, GEORGE PRINGLE, C.I.E. c.o. H.S. King & Co., Pall Mall, S.W.   |
| 1886 Apr. 6.      | ROSE, JAMES WILMOT ANDREAS { Central South African Rys., Bloemfontein, O.R.C.   |
| 1900 Apr. 3.      | ROSENBUSCH, GILBERT .. .. 5 Lee Terrace, Blackheath, S.E.   |
| 1904 Jan. 12.     | { *ROSENTHAL, FREDERICK }<br>MICHAEL BARBANEL .. .. } H.H. the Nizam's State Ry. Co., Secunderabad, India.                                      |
| 1902 Feb. 4.      | *ROSEVEARE, LESLIE .. .. City Engineer's Office, Birmingham.  |
| 1903 Jan. 13.     | *ROSHER, EDWARD MARSHALL { Rhodesia Railways, Heany Junction, Rhodesia.   |
| 1906 Apr. 3.      | *ROSS, ALFRED PERCY .. .. Maltby, near Rotherham.   |
| 1891 Mar. 3.      | { *ROSS, COLIN JOHN, B.E., B.Sc. }<br>( <i>Edin.</i> ) .. .. } Town Hall, North Sydney, N.S.W.  |
| 1901 Apr. 23.     | *ROSS, DAVID WILLIAM .. .. { Easton & Eldridge, 121 South Broadway, Los Angeles, Cal., U.S.   |
| 1889 Dec. 3.      | *ROSS, FRANCIS EDWARD .. .. { Little Ground, Gosforth, Cumberland.  |
| 1905 Dec. 5.      | { ROSS, GEORGE PERCY, }<br>B.C.E. ( <i>Melbourne</i> ) .. .. } Nauru Island, per The Pacific Phosphate Co., Ltd., Pitt Street, Sydney, N.S.W.   |
| 1889 Jan. 8.      | ROSS, JOHN CLARK .. .. { Town Engineer, Warrnambool, Victoria.  |
| 1899 Dec. 5.      | { *ROSS, JOHN KEITH, }<br>M.A., B.Sc. ( <i>Edin.</i> ) .. .. } 97 Mayfield Road, Edinburgh.   |
| 1890 Feb. 4.      | *ROSS, PERCIVAL .. .. { Fairfield Mount, Buttershaw, Bradford.  |
| 1904 Dec. 6.      | { ROSS, THOMAS ALEXANDER, }<br>B.Sc. ( <i>Alabama</i> ) .. .. } British P.O. Box 185, Shanghai.   |
| 1894 Feb. 6.      | ROSS, WILLIAM, B.A.I. ( <i>Dubl.</i> ) 66 North Wall, Dublin.   |
| 1904 Dec. 6.      | { *ROSS, WILLIAM MCGREGOR, }<br>M.Sc. ( <i>Victoria</i> ), B.A., B.E. }<br>( <i>Royal</i> ) .. .. } D.P.W., Nairobi, East African Protectorate. |
| 1890 Dec. 2.      | ROSSBACH, WILLIAM .. .. { Harbours & Rivers Dept., Sydney, N.S.W.   |
| 1877 Mar. 6.      | ROTHWELL, RICHARD MARSHALL  |
| 1896 Jan. 14.     | { *ROTTER, EDWARD RICHARD }<br>ERNEST .. .. } Pearl Buildings, Commercial Road, Portsmouth.   |
| 1899 Mar. 7.      | ROUSE, FRANCIS JAMES .. .. Madras Ry., Nellore, S. India.   |
| 1884 Feb. 5.      | { ROUSE, HENRY GEORGE ARCHIBALD }<br>BALD .. .. } Norton, Haslemere Rd., Crouch End, N  |
| 1905 Apr. 4.      | ROUSELL, ALBERT JAMES .. .. Borough Eng.'s Office, Worthing.  |
| 1890 Apr. 1.      | ROUTH, WILLIAM POLE .. .. Oakfield, Southern Hill, Reading.   |
| 1894 Dec. 4.      | { ROVSING, CHRISTIAN MARTIN }<br>CRONE, M.A. ( <i>Copenhagen</i> ), }<br>Capt. <i>Siamese R.E. retired.</i> } 141 Ashley Gardens, S.W.          |



| Date of Election.  |  | ASSOCIATE MEMBERS. |   |
|--------------------|--|--------------------|---|
| 1878 May 7.        | ROWAN, ARTHUR HILL .. ..   | {                  | C. de Bertodano, 47 Victoria Street, S.W.                             |
| ✠ 1886 Apr. 6.     | ROWAN, FREDERICK JOHN .. ..  | {                  | 5 West Regent Street, Glasgow. (Barnacles, Glasgow.)                  |
| 1900 Feb. 6.       | ROWAND, ROBERT .. ..   |                    | 20 St. John's Square, Wakefield.                                      |
| 1905 Apr. 4.       | ROWE, JOHN BEDFORD .. ..   |                    | 15 Argyle Road, W. Ealing, W.   |
| 1893 Feb. 7.       | { ROWNEY, GEORGE ANSELM }<br>HENRY, B.E. ( <i>Royal</i> ) .. ..      |                    | D.P.W., Sewerage Branch, Sydney, N.S.W.                               |
| 1900 Apr. 3.       | ROY, THOMAS . . . .  |                    | 33 Belvidere Street, Aberdeen.  |
| 1897 Jan. 12.      | *ROYLE, FREDERICK MURRAY .. ..                                       | {                  | Milton Chambers, Milton Street, Nottingham.                           |
| 1893 Jan. 10.      | *ROYLE, STANLEY ARTHUR .. ..   |                    | City Surveyor's Office, Manchester.                                   |
| 1897 Apr. 6.       | RUDGARD, HENRY JOHN .. ..  |                    | Engineer's Office, N.E. Ry., York.                                    |
| 1900 Dec. 4.       | RUDGARD, WILLOUGHBY DOUGLAS .. ..                                    |                    | Engineer's Office, N.E. Ry., York.                                    |
| 1901 Dec. 3.       | *RUDGE, CHARLES HENRY .. ..  |                    | 26 Twyford Avenue, Acton, W.  |
| 1902 Dec. 2.       | *RUGG, LEWIS HENRY .. ..   |                    | 2 Lewis Road, Sutton, Surrey.   |
| 1895 Apr. 2.       | *RUNDALL, WILLIAM HARRY .. ..  | {                  | Cerro Muriano Mines, Ltd., Provincia de Cordoba, Spain.               |
| W t ✠ 1879 Feb. 4. | RUNEBERG, ROBERT .. ..   | {                  | Bureau Vega, Liteinij pr. 57, St. Petersburg. (Runeberg, Petersburg.) |
| 1895 May 21.       | RUSHWORTH, JOSEPH .. ..  | {                  | 102 Gladstone Avenue, Noel Park, Wood Green, N.                       |
| ✠ 1887 Apr. 5.     | *RUSSELL, ARTHUR JAMES .. ..   | {                  | Tolima Mining Co., Ltd., 2 Finsbury Square, E.C.                      |
| t ✠ 1892 Feb. 2.   | RUSSELL, CHARLES NEWTON .. ..  |                    | 29 Southwood Avenue, Highgate, N.                                     |
| 1885 Jan. 13.      | *RUSSELL, STUART ARTHUR .. ..  |                    | Kingswood, Coventry Road, Ilford, E.                                  |
| 1901 Apr. 2.       | *RUSSELL, THOMAS WILLIAM .. ..                                       |                    | 42 Durham Road, East Finchley, N.                                     |
| 1876 Feb. 1.       | *RUSSELL, WILLIAM .. ..  | {                  | Orchard House, Woodthorpe Road, Putney, S.W.                          |
| 1894 May 1.        | *RUTTER, CHARLES HERBERT .. ..                                       |                    | Gas Co., Portslade, Sussex.   |
| 1905 Apr. 4.       | { *RUTTY, GILBERT STEPHEN }<br>FORDER, B.A. ( <i>Cantab.</i> ) .. .. |                    | Cave House, Uxbridge.   |
| 1889 Mar. 5.       | { *RYGATE, PHILIP WILLIAM, }<br>M.A., B.E. ( <i>Sydney</i> ) .. ..   |                    | 322 George Street, Sydney, N.S.W.                                     |
| 1897 Jan. 12.      | *RYMAN, FREDERICK ROBERT .. ..                                       |                    | Boro' Surveyor, Stamford.   |
| 1899 Apr. 11.      | *RYVES, REGINALD ARTHUR .. ..  |                    | Engineering College, Madras.  |
| 1889 Feb. 5.       | SADLER, HENRY .. ..  |                    | H.M. Dockyard, Keyham, Devonport.                                     |
| 1892 Dec. 6.       | SADLER, WILLIAM WINDHAM .. ..  |                    | General Buildings, Perth, N.B.  |
| 1894 Feb. 6.       | *SAHNI, BHAGAT RAM .. ..   |                    | Sirhind Canal, Bhatinda, India.                                       |
| 1904 Jan. 12.      | { *ST. JOHN-KNELLER, OLIVER }<br>ARTHUR GODFREY .. ..                |                    | H.M. Dockyard, Bermuda.   |
| 1896 Feb. 4.       | SAISE, ALFRED JOHN .. ..   | {                  | Eagle Insurance Bldgs., Baldwin & Nicholas Streets, Bristol.          |
| 1893 Apr. 11.      | SALIS, HENRY RODOLPH DE .. ..  |                    | Ivy Lodge, Iver Heath, nr. Uxbridge.                                  |
| 1902 Apr. 8.       | { *SALMON, CHARLES EMILE }<br>HERBERT .. ..                          |                    | B. & N. W. Ry., Bhowra P.O., <i>via</i> Bettiah, India.               |
| 1904 Apr. 12.      | SALMOND, THOMAS MILLAR .. ..   |                    | 64 Emma Place, Stonehouse, Devon.                                     |
| 1897 Apr. 6.       | *SALMOND, WILLIAM .. ..  | {                  | 31 Melville Street, Pollokshields, Glasgow.                           |
| 1906 Jan. 9.       | *SALT, ERNEST ALBERT .. ..   | {                  | Blithfield, Thetford Road, New Malden.                                |
| 1891 May 5.        | *SALTER, ARTHUR JOSEPH .. ..   | {                  | Suffolk House, Laurence Pountney Hill, E.C.                           |
| 1890 Jan. 14.      | *SALTMARSH, LIONEL .. ..   |                    | Saltmarsh, Howden.  |
| 1904 Apr. 12.      | *SAMUEL, RANDOLPH JOHN .. ..   | {                  | Queen Anne's Chambers, Westminster, S.W.                              |
| ✠ 1899 Dec. 5.     | SAMUELSON, BERNHARD MARTIN .. ..                                     |                    | Thos. Cook & Son, Rangoon, Burma.                                     |
| 1902 Jan. 14.      | *SANDBERG, CHRISTER PETER, JUN. .. ..                                |                    | 9 Bridge Street, Westminster, S.W.                                    |

| Date of Election. | ASSOCIATE MEMBERS.   |  |
|-------------------|--|--|
| 1906 Apr. 10.     | *SANDBERG, NILS PERCY PATRICK                              | 9 Bridge Street, Westminster, S.W.   |
| 1905 Apr. 4.      | {*SANDBERG, OSCAR FRIDOLF<br>ALEXANDER .. .. .}            | Palace Chambers, Bridge Street, Westminster.                                     |
| 1904 Dec. 6.      | SANDEMAN, CHRISTIAN HAROLD                                 | {15 Otterburn Avenue, Gosforth, Newcastle-on-Tyne.                               |
| 1891 Feb. 3.      | {*SANDERS, EVELYN FRANCIS,<br>B.A.I. (Dubl.) .. .. .}      | Bengal-Nagpur Ry., Sini Station, India.  |
| 1898 Apr. 5.      | *SANGSTER, WILLIAM PETER ..                                | P.W.D., Rasul, Gujrat, Punjab.   |
| 1902 Feb. 4.      | SANO, TOJIRO .. .. .                                       | City Waterworks, Kobe, Japan.  |
| 1889 Feb. 5.      | *SANT, WILLIAM ELOIN .. ..                                 | Mais & Sant, Kingston, Jamaica.  |
| 1902 Dec. 2.      | *SARGE, ROBERT ARTHUR .. ..                                | {38 West Cliffe Grove, Harrogate, Yorks.   |
| 1893 Dec. 5.      | *SARGEANT, EDWARD FRANK ..                                 | Lower Street, Stroud, Glos.  |
| 1895 Dec. 3.      | *SARGENT, HARRY LIONEL .. ..                               | {132 Salisbury House, London Wall, E.C.  |
| 1885 May 19.      | SARTORIS, LEONARD .. ..                                    | 6 Ovington Gardens, S.W.   |
| 1881 Jan. 11.     | *SAUBERGUE, ARTHUR DE .. ..                                | {Mill House, Welton, Burgh-le-Marsh, Lincs.                                      |
| 1892 Mar. 1.      | *SAUNDERS, ERNEST EDWARD ..                                | Improvements Co., Rio de Janeiro.  |
| 1890 Dec. 2.      | {*SAUNDERS, FREDERICK WALTER<br>THEODOR .. .. .}           | Government Railways, Cape Town, C.C.   |
| 1902 Mar. 4.      | *SAUNDERS, HAROLD JACOB .. ..                              | E. London Club, East London, Natal.  |
| 1880 May 25.      | *SAUNDERS, HENRY JOHN .. ..                                | {c.o. John Girdwood, 18 St. Swithin's Lane, E.C.                                 |
| ✠ 1902 Dec. 2.    | SAUNDERS, JAMES .. .. .                                    | {Imperial Chambers, Newark-on-Trent.   |
| 1896 Apr. 14.     | SAUNDERSON, FREDERICK .. ..                                | {8 Finch Road, Douglas, Isle of Man.   |
| 1892 Feb. 2.      | SAVAGE, EDWARD BALLARD .. ..                               | {Sewerage Dept., Council House, Birmingham.                                      |
| ✠ 1886 Jan. 12.   | SAVAGE, HUGH .. .. .                                       | {Rue Ferdinand Nicolai, Seraing, Belgium.  |
| 1895 Dec. 3.      | SAVAGE, WILLIAM .. .. .                                    | 77 Beech Street, Crewe.  |
| 1882 Feb. 7.      | SAVICH, ESTEVAO .. .. .                                    | Via Faentina 133, Florence.  |
| C ✠ 1895 Dec. 3.  | *SAVILLE, LEOPOLD HALLIDAY ..                              | Eng.'s Office, Port Trust, Bombay.   |
| 1901 Apr. 23.     | {*SAVILLE, WILLIAM HENRY<br>BOURCHIER .. .. .}             | Dock Engineer's Office, Cumberland Basin, Bristol.                               |
| 1889 Dec. 3.      | *SAVOURS, WILLIAM MATHEW ..                                | {Woodlands, St. Martin's Road, Caerphilly, Cardiff.                              |
| 1887 Mar. 1.      | *SAXBY, JAMES .. .. .                                      | Creil, Oise, France.   |
| 1876 Feb. 1.      | SAXTON, HENRY WARING .. ..                                 | New Plymouth, New Zealand.   |
| 1892 Jan. 12.     | SAXTON, THOMAS RICHARD .. ..                               | 43 East Bank, Stamford Hill, N.  |
| 1904 Jan. 12.     | *SAYERS, REUBEN MARCHANT ..                                | 49 Palace Mans., Addison Bridge, W.  |
| 1895 Dec. 3.      | SCAIFE, THOMAS EARLE .. ..                                 | {Irrigation Engineer, Robertson, Cape Colony.                                    |
| 1894 Dec. 4.      | SCHARSCHMIDT, SAMUEL THOMPSON                              | Hanbury, Shooter's Hill, Jamaica.  |
| 1892 Mar. 1.      | {SCHÉLE, ERNST GEORGE<br>ANGANTYR .. .. .}                 | Jönköping, Sweden.   |
| 1893 Apr. 11.     | SCHLOESSER, ROBERT .. ..                                   | {Max Gorler, Messrs. Branders Goldschmidt, 60 Queen Street, Melbourne, Victoria. |
| 1890 May 6.       | {SCHNEIDER, WILLIAM MARS-<br>LAND FRANCIS, M.A. (Cantab.)} | 1 Sydney Terrace, Ryde, I.W.   |
| 1906 Mar. 6.      | *SCHOEERLEIN, FRITZ .. ..                                  | H.M. Dockyard, Portsmouth.   |
| 1891 Mar. 3.      | SCHOFIELD, GEORGE ANDREW ..                                | Oakwood, Mildenhall, Suffolk.  |
| 1897 Mar. 2.      | {SCHOFIELD, WILLIAM HIGGIN-<br>SON .. .. .}                | Fairlawn Road, Lytham, Lancs.  |
| ✠ 1902 Mar. 4.    | SCHOLEFIELD, RUSSELL SCOTT                                 | {Carlton Villas, Hungerford Road, Crewe.   |
| 1887 May 3.       | SCHOLES, EDWARD HORATIO ..                                 | 29 Knowsley Road, Bury, Lanes.   |
| 1886 May 4.       | {*SCHÖNBERG, ALEXANDER<br>CHARLES .. .. .}                 | Queen Anne's Chambers, Tothill Street, S.W. (Quayage, London.)                   |

Date of  
Election.

## ASSOCIATE MEMBERS.

|       |               |   |   |
|-------|---------------|---|---|
|       | 1888 May 1.   | SCHURR, ALBERT EBENEZER ..                                | { Fry, Miers & Co., 5 Laurence<br>Pountney Hill, E.C.                               |
|       | 1894 Dec. 4.  | *SCHWARTZ, ALFRED .. ..                                   | { Municipal Technical School, Man-<br>chester.                                      |
|       | 1893 Dec. 5.  | SCHWOERER, EMILE .. ..                                    | Colmar, Alsace, Germany.  |
|       | 1891 Apr. 7.  | *SCLATER, ARTHUR WILLIAM ..                               | 182 Oxford Street, W.   |
|       | 1878 May 28.  | SCLAVERANI, MICHELANGELO ..                               | { Società Nazionale delle Officine,<br>Savigliano, Italy.                           |
|       | 1880 Dec. 7.  | *SCOBIE, MACKAY JOHN .. ..                                | { P.W.D. Secretariat, Rangoon,<br>Burma.  |
|       | 1894 Feb. 6.  | *SCONCE, HENRY ARCHIBALD KER                              | { Rajputana-Malwa Railway, Jeypore,<br>India.                                       |
|       | 1906 Apr. 3.  | SCOTT, ARCHIBALD .. .. .                                  | 2 Argyle Square, Sunderland.  |
|       | 1877 Dec. 4.  | *SCOTT, CECIL .. .. .                                     | Municipality, Rangoon, Burma.   |
|       | 1892 Dec. 6.  | *SCOTT, CECIL GRAHAM .. ..                                | Apperley Cliff, Shanklin, I.W.  |
|       | 1900 Dec. 4.  | { SCOTT, CHARLES VICTOR<br>GEORGE, M.A., B.A.I. (Dubl.) } | P.W.D., Delhi, Punjab.  |
|       | 1899 Apr. 11. | { SCOTT, CHARLES WILLIAM,<br>B.A.I. (Dubl.) .. .. . }     | The Rectory, Bray, co. Wicklow.   |
|       | 1882 Mar. 7.  | SCOTT, DONALD ALBERT ..                                   | { Beaconsfield House, Hingham,<br>Norfolk.  |
| ✱     | 1899 Feb. 7.  | SCOTT, ERNEST KILBURN ..                                  | The University, Sydney, N.S.W.  |
|       | 1883 Dec. 4.  | SCOTT, FRANK WALTER .. ..                                 | 28 Portsdown Road, W.   |
|       | 1880 May 25.  | *SCOTT, HUGH HAMILTON ..                                  | Town Hall, Hove, Brighton.  |
| ✱     | 1886 Dec. 7.  | SCOTT, JESSE FRENCH .. ..                                 | 206 Stanstead Rd., Forest Hill, S.E.  |
|       | 1906 Apr. 3.  | *SCOTT, PERCY ELIOT .. ..                                 | Town Hall, Ladysmith, Natal.  |
|       | 1892 Mar. 1.  | SCOTT, ROBERT SMITH .. ..                                 | Town Surveyor, Bishop Stortford.  |
|       | 1887 Apr. 5.  | SCOTT, WILLIAM ARCHIBALD ..                               | 11 Alexandra Road, Southport.   |
|       | 1891 Dec. 1.  | { *SCOVELL, CHARLES THORNTON<br>RENNIE .. .. . }          |   |
|       | 1895 Dec. 3.  | SCRATCHLEY, ARTHUR JAMES                                  | { P.W.D., Western Jumna Canal,<br>Delhi.  |
|       | 1884 Dec. 2.  | { SCRATCHLEY, HERBERT ARTHUR,<br>M.V.O. .. .. . }         | { British Vice-Consul, Philippeville,<br>Algeria.                                   |
|       | 1895 Apr. 2.  | SCRATTON, ALFRED .. .. .                                  | F. C. del Sud, Buenos Aires.  |
|       | 1878 Apr. 2.  | *SCRIVEN, CHARLES WALTER ..                               | 12 Trossachs Rd., East Dulwich, S.E.  |
|       | 1894 Mar. 6.  | SCRUTTON, LINDSAY .. ..                                   | { 918 Hayward Building, San Fran-<br>cisco, U.S.                                    |
|       | 1904 Jan. 12. | *SEAGER, JAMES ALBERT .. ..                               | { 128 Sandyford Road, Newcastle-on-<br>Tyne.  |
| m     | 1894 Feb. 6.  | *SEALY-ALLIN, AURIOL .. ..                                | State Engineer, Vizianagram, Madras.  |
|       | 1895 Apr. 2.  | SEAMAN, CHARLES JOSEPH ..                                 | { Newton Heath Ironworks, near<br>Manchester.                                       |
|       | 1903 Apr. 7.  | *SEARLE, BASIL JAMES .. ..                                | 49 Carleton Road, Tufnell Park, N.  |
|       | 1874 Mar. 3.  | *SEARLE, JOHN COOMBE .. ..                                | 92 Madeley Road, Ealing, W.   |
|       | 1894 Dec. 4.  | *SEARS, ROBERT HUMPHRY ..                                 | East Indian Railway, Calcutta.  |
|       | 1887 Dec. 6.  | SEATON, WILLIAM SHARPEY ..                                | { Montague House, Richmond, S.W.<br>(Seaton, Richmond.)                             |
| M m ✱ | 1889 Dec. 3.  | { *SEGUNDO, EDWARD CARSTENSEN<br>DE .. .. . }             | { 267 Dashwood House, New Broad<br>Street, E.C. (Awesome, London.<br>Central 2686.) |
|       | 1889 Feb. 5.  | SENGOKU, MITSUGU .. .. .                                  | Kiushin Ry., Moji, Japan.   |
| M ✱   | 1884 May 27.  | *SENNETT, ALFRED RICHARD ..                               | Seacroft, West Worthing.  |
|       | 1905 Dec. 5.  | *SERPELL, DOUGLAS LESLIE ..                               | { Derwent Valley Water Board, Bam-<br>ford, nr. Sheffield.                          |
|       | 1906 Mar. 6.  | { *SETH-SMITH, LESLIE MOFFAT,<br>B.A. (Cantab.) .. .. . } | Alleyne, Caterham Valley, Surrey.   |
|       | 1896 May 5.   | SETTLE, JAMES AINSWORTH ..                                | Boro' Engineer, Heywood.  |
|       | 1895 May 21.  | SETTLE, JOEL .. .. .                                      | The Hill, Alsager, Stoke-on-Trent.  |
|       | 1893 Dec. 5.  | SEVERN, WILLIAM HENRY ..                                  |   |
|       | 1880 Jan. 13. | *SEWELL, HENRY DE QUINCY ..                               | 29 St. Mary St., Toronto, Canada.   |



| Date of Election. | ASSOCIATE MEMBERS.  |   |
|-------------------|---|---|
| 1902 Apr. 22.     | *SHACKLE, CHARLES EDWARD  | { G.W. Railway, Birmingham Widening, Acocks Green.                      |
| ✠ 1886 Apr. 6.    | SHACKLEFORD, ARTHUR LEWIS   | Ampton Lodge, Edgbaston.  |
| 1903 Apr. 7.      | *SHACKLETON, WILLIAM .. ..  | { Boro' Surveyor's Office, Guildhall, Grantham.                         |
| 1904 Jan. 12.     | { *SHADWELL, LANCELOT HORACE<br>AUGUSTUS .. .. . }                            | Harbour Department, Durban, Natal                                       |
| 1903 Apr. 7.      | SHANAN, CHARLES HENRY ..  | Gorge Head, Mussoorie, U.P., India.                                     |
| 1882 Apr. 4.      | *SHAND, JAMES TILLEY .. ..  | 75 Upper Ground Street, S.E.  |
| 1905 Dec. 5.      | { SHANNON, JAMES DAVIES,<br>B.E. (Royal) .. .. . }                            | Cape Government Railways, Sal River, Cape Colony.                       |
| 1893 Jan. 10.     | *SHARMAN, JOHN ROXBURGH ..  | 14 Queen Street, Edinburgh.   |
| 1893 Dec. 5.      | *SHARMAN, PHILIP ALAN .. ..   | 113 Cannon Street, E.C.   |
| t ✠ 1887 Dec. 6.  | *SHARP, ARCHIBALD, B.Sc. (Lond.)  | Thanes House, 231 Strand, W.C.  |
| 1893 Feb. 7.      | *SHARP, FREDERIC DAVID ..   | { Bryn-clydach, Ynysybwl, Pontypridd.                                   |
| ✠ 1879 Feb. 4.    | SHARP, WILLIAM .. .. .  | Invercargill, New Zealand.  |
| 1887 Apr. 5.      | SHARPE, ROBERT .. .. .  | Annville, Knockbreda Park, Belfast.                                     |
| 1900 Feb. 6.      | SHARPE, ROBERT JOHN BEVIL   | Middlesbro' Dock, Middlesbrough.  |
| ✠ 1900 Apr. 3.    | SHARPE, WILLIAM, B.Sc. (Glas.)  | { Engineer-in-Chief's Office, Government Rys., Pietermaritzburg, Natal. |
| 1905 Jan. 10.     | *SHARPLEY, REGINALD .. ..   | Engr.'s Office, Madras Ry., Madras.                                     |
| 1885 May 19.      | *SHAW, EDWARD .. .. .   | Elm Lodge, Bexley.  |
| 1890 Dec. 2.      | SHAW, FREDERICK GEORGE ..   | { 11 Neville Court, Abbey Road, N.W.                                    |
| 1886 Jan. 12.     | *SHAW, GEORGE HERBERT ..  | Trinity House, Tower Hill, E.C.   |
| 1890 Apr. 1.      | *SHAW, HERBERT .. .. .  | Urban District Council, Ilford, E.                                      |
| 1888 Dec. 4.      | SHAW, JAMES JOSEPH .. ..  |   |
| 1899 Dec. 5.      | *SHAW, JOHN .. .. .   | { Engineers' Office, S.E. & C. Ry., Ashford.                            |
| 1886 Feb. 2.      | SHAW, JOHN HOWARD .. ..   | Polesworth, Tamworth. [chester.   |
| 1899 Dec. 5.      | *SHAW, WILLIAM CAMPBELL ..  | 40 Heaton Road, Withington, Man.  |
| 1877 Apr. 10.     | *SHAW, WILLIAM EDWARDS ..   | Albrighton, near Wolverhampton.   |
| 1900 Dec. 4.      | *SHAWCROSS, ROBERT ELLIS ..   | 164 Oakwood Court, Melbury Rd., W.                                      |
| 1904 Feb. 2.      | { *SHAXBY, RICHARD UNDER-<br>DOWN, B.A. (Cantab.), B.Sc.<br>(Lond.) .. .. . } | 26 Albert Avenue, Anlaby Road, Hull.                                    |
| 1895 Jan. 8.      | *SHEARD, WILLIAM CURWEN ..  | { Stonelea, Newtown, New Mills, Stockport.                              |
| 1905 Feb. 7.      | { SHEARER, GEORGE WILLIAM,<br>B.Sc. (Glas.) .. .. . }                         | 12 Merton Hall Road, Wimbledon, S.W.                                    |
| 1882 Dec. 5.      | *SHEARS, JAMES CHARLES .. ..  | 7 Uxbridge Road, Surbiton.  |
| 1905 Dec. 5.      | SHEERAN, HUGH O'BRIEN ..  | { Metropolitan Board of Works, Melbourne.                               |
| 1899 Dec. 5.      | *SHEFFIELD, FREDERICK GERARD  | Swiftbrook Mills, Saggart, co. Dublin.                                  |
| m ✠ 1894 Dec. 4.  | *SHEFFIELD, GEORGE HARRISON   | { 15 New Bridge Street, Newcastle-on-Tyne.                              |
| 1888 Feb. 7.      | SHELDON, FRANK .. .. .  | Wells, Somerset.  |
| 1895 May 21.      | *SHEPHERD, JOSEPH .. .. .   | { 80 Prince of Wales Mansions, Battersea Park, S.W.                     |
| 1903 Jan. 13.     | *SHEPHERD, JOSEPH .. .. .   | Engineer's Office, N.E. Ry., York.                                      |
| 1905 Apr. 4.      | *SHEPHERD, PERCY EDWARD ..  | { Holly Cottage, Fairfield, Manchester.                                 |
| t ✠ 1883 Feb. 6.  | SHEPPARD, HERBERT GURNEY  | Stores Dept., State Rys., Cairo.  |
| 1892 Dec. 6.      | SHEPPARD, THOMAS CLIVE ..   | { The Peruvian Corporation, Ltd., Lima, Peru.                           |
| 1883 Jan. 9.      | SHERMAN, CHARLES BELLI BIVAR  | { Holland House, Albury Heath, Guildford.                               |
| 1905 Feb. 7.      | *SHERREN, ARTHUR OSWALD ..  | Borough Engineer's Office, Dover.                                       |
| 1902 Apr. 8.      | *SHETTLE, WILLIAM CROASDILL   | { Burstall & Monkhouse, 14 Old Queen Street, Westminster, S.W.          |

| Date of Election. |          | ASSOCIATE MEMBERS.  |   |
|-------------------|----------|---|---|
| ✠ 1897            | Dec. 7.  | {*SHIELDS, WILLIAM HERBERT,<br>B.Sc. ( <i>Glas.</i> ) .. .. .}    | P.W.D., Perth, Western Australia.                               |
| 1904              | Dec. 6.  | {SHIPTON, FRANCIS HENRY<br>ELDRED, <i>Lieut. R.N., ret.</i> ..}   | 22 Buckingham Gate, S.W.  |
| 1892              | May 3.   | SHIRLAW, ANDREW .. .. .   | {Wellington Road, Handsworth,<br>Birmingham.                    |
| 1896              | Dec. 1.  | {*SHORTLAND, CHARLES VINCENT<br>NIXON .. .. .}                    | Bengal-Nagpur Ry., 13 Garden<br>Reach Road, Calcutta.           |
| 1898              | Dec. 6.  | {*SHOUBRIDGE, HARRY OLIVER<br>BARON .. .. .}                      | Grindlay, Groom & Co., Bombay.                                  |
| 1884              | Dec. 2.  | SHUTTLEWORTH, FRANK HENRY   | {District Council, Littleboro', Man-<br>chester.                |
| 1894              | Dec. 4.  | SIBBALD, JAMES .. .. .  | 35 Commercial St., Dundee.                                      |
| 1905              | Jan. 10. | *SIBBALD, SAMUEL KAY .. ..  | P.W.D., Telok Anson, Perak, F.M.S.                              |
| 1899              | Dec. 5.  | {SIDES, JOHN FRANCIS,<br>B.E. ( <i>Royal</i> ) .. .. .}           | G. S. & W. Ry., Inchicore, Dublin.                              |
| 1901              | Dec. 3.  | *SIKES, LOUIS, B.Sc. ( <i>Victoria</i> )                          | {Roundhill Reservoir, nr. Macham,<br>Yorks.                     |
| 1891              | Apr. 7.  | *SILLEM, WILLIAM .. .. .  | 116 Great Portland Street, W.                                   |
| 1904              | Jan. 12. | *SILLITOE, WILLIAM CHARLES  | Town Hall, Ealing, W.   |
| 1884              | Jan. 8.  | SILVERTHORNE, ARTHUR .. ..  | 5 Victoria Street, S.W.   |
| 1892              | Mar. 1.  | SIMMANCE, JOHN FREDERICK ..                                       | {81 Page Street, Westminster, S.W.<br>(Precision, London.)      |
| 1895              | May 21.  | SIMMELKJAER, SOPHUS .. ..   | 5 Gower Street, W.C.  |
| 1906              | Apr. 3.  | SIMMONDS, CECIL FRANCIS ..  | {Chaseville, Eversley Park Road,<br>Winchmore Hill.             |
| 1905              | Feb. 7.  | {*SIMON, ERNEST DARWIN, B.A.<br>( <i>Cantab.</i> ) .. .. .}       | 20 Mount Street, Manchester.                                    |
| 1891              | May 5.   | {SIMPKINS, WILLIAM,<br>B.Sc. ( <i>Edin.</i> ) .. .. .}            | D. & C. Stevenson, 84 George Street,<br>Edinburgh.              |
| 1889              | Dec. 3.  | *SIMPSON, AUGUSTUS JOHN ..  | Vale Place, Haverhill, Suffolk.                                 |
| 1895              | May 21.  | *SIMPSON, CHARLES EDWARD ..                                       | Wanderer Mine, Selukwe, Rhodesia.                               |
| 1888              | Feb. 7.  | *SIMPSON, CHARLES LIDDELL ..                                      | {101 Grosvenor Road, S.W.<br>(Aquosity, London.)                |
| 1879              | Dec. 2.  | *SIMPSON, FRED .. .. .  | Casilla 144, G.P.O., Buenos Aires.                              |
| 1889              | Jan. 8.  | SIMPSON, HENRY EDWIN ..   | 169 Drakefell Road, Brockley, S.E.                              |
| 1899              | Dec. 5.  | {*SIMPSON, LIGHTLY STAPLETON,<br>B.A. ( <i>Cantab.</i> ) .. .. .} | 64 Romford Road, Stratford, E.                                  |
| 1900              | Dec. 4.  | *SIMPSON, WILLIAM .. .. .   | 15 Regent Quay, Aberdeen.                                       |
| 1905              | Apr. 4.  | SIMPSON, WILLIAM HAROLD ..  | 133 Ormeau Road, Belfast.                                       |
| 1891              | Apr. 7.  | SIMPSON, WILLIAM HENRY ..   | {Alliance Chambers, Horsefair Street,<br>Leicester.             |
| 1891              | Dec. 1.  | SINCLAIR, ALEXANDER .. ..   | Hafod Works, Swansea.   |
| 1906              | Apr. 3.  | *SINCLAIR, ALFRED ROBERT ..                                       | 30 Pier Road, Erith.  |
| ✠ 1892            | Dec. 6.  | SINCLAIR, JOHN SMART .. ..  | Town Hall, Widnes.  |
| 1897              | Mar. 2.  | *SISSON, NORMAN .. .. .   | {7 Largo do Viriato, Oporto, Portu-<br>gal.                     |
| 1900              | Dec. 4.  | {SITWELL, JOHN KNIGHTLEY,<br>B.A. ( <i>Cantab.</i> ) .. .. .}     | Leamington Hastings, near Rugby.                                |
| 1888              | Dec. 4.  | *SKELTON, ROBERT .. .. .  | Badminton Club, 100 Piccadilly, W.                              |
| 1906              | Apr. 3.  | *SKINNER, CLIFTON MACLEAN   | {27 Holly Avenue, Jesmond, New-<br>castle-on-Tyne.              |
| 1892              | Dec. 6.  | *SKINNER, HARRY ROSS .. ..  | {Durban-Rodepoort Mining Co.,<br>Johannesburg, Transvaal.       |
| 1891              | Dec. 1.  | SKIPTON, JOHN GERVAIS ..  | Athlone, Ireland.   |
| 1901              | Dec. 3.  | *SLADE, CHARLES FELIX ..  | {Engineer's Office, M. & G.N. Rys.,<br>Melton Constable.        |
| 1904              | Apr. 12. | *SLATER, ERIC ARNOLD .. ..  | Athelstan, Maldon Rd., Colchester.                              |
| 1896              | Feb. 4.  | *SLATER, JOSEPH .. .. .   | County Surveyor's Office, Preston.                              |
| 1905              | Dec. 5.  | {*SMAIL, HERBERT STUART<br>INGLIS, B.E. ( <i>Sydney</i> ) .. ..}  | Krian Irrigation Works, Bagan Serai,<br>Federated Malay States. |
| 1877              | Mar. 6.  | *SMALL, JAMES MILN .. ..  | 17 Victoria Street, S.W.  |



| Date of Election. |                 | ASSOCIATE MEMBERS.                             |  |
|-------------------|-----------------|--|--|
| m †               | 1884 Dec. 2.    | *SMART, EDGAR.. ..                             | Box 830, Johannesburg, Transvaal.                                      |
|                   | 1893 Dec. 5.    | {SMEATON, STIRLING,<br>B.A. (Adelaide) .. ..}  | Littlehampton, South Australia.  |
|                   | 1889 Dec. 3.    | *SMITH, ALBERT CASSON .. ..                    | {Metropolitan Board of Works,<br>Collins St., Melbourne, Victoria.     |
|                   | 1896 Apr. 14.   | SMITH, ALEXANDER.. ..                          | {F. C. Buenos Aires y Rosario,<br>Rosario, Argentina.                  |
|                   | 1876 May 30.    | *SMITH, ARTHUR TOULMIN .. ..                   | {Ludwig & Smith, Miasnaitzkai St.,<br>Moscow.                          |
|                   | 1888 Feb. 7.    | SMITH, BASIL EUSTACE .. ..                     | Ferro Carril, Antofagasta, Chile.                                      |
|                   | 1891 May 5.     | *SMITH, BERTRAM ROBERT .. ..                   | R. Smith, Bifrons, Fleet, Hants.                                       |
|                   | 1900 Dec. 4.    | *SMITH, CHARLES FREDERICK .. ..                | {Easdale, South Road, Bowdon,<br>Cheshire.                             |
|                   | 1904 Apr. 12.   | SMITH, EDGAR MARTIN .. ..                      | {86 Streathbourne Road, Upper<br>Tooting, S.W.                         |
|                   | 1897 Jan. 12.   | SMITH, EDMUND .. ..                            | The Manse, Balham Park Rd., S.W.                                       |
|                   | 1886 Dec. 7.    | *SMITH, FRANK MARTIN .. ..                     | {Roads and Bridges Department,<br>Sydney, N.S.W.                       |
|                   | 1905 Apr. 4.    | {*SMITH, GAVIN TROTMAN<br>BRODIE .. .. ..}     | Government Railway, Lagos, West Africa.                                |
|                   | 1900 Apr. 3.    | {SMITH, GEORGE HENRY,<br>B.A.I. (Dubl.) .. ..} | 11 Lansdown Crescent, Cheltenham.                                      |
|                   | 1895 Dec. 3.    | SMITH, GEORGE WILLIAM .. ..                    | Port Elizabeth, Cape Colony.   |
|                   | 1899 Feb. 7.    | *SMITH, GERALD ALFRED .. ..                    | 37 Dhurumtollah Street, Calcutta.                                      |
|                   | 1877 Dec. 4.    | SMITH, GUY .. ..                               | Several Farm, Saxstead, Framling-                                      |
|                   | 1897 Apr. 6.    | SMITH, HARRY WILLIAM .. ..                     | Boro' Engineer, Scarborough. [ham.                                     |
|                   | 1896 Jan. 14.   | {*SMITH, HENRY VAUGHAN<br>CRAWFURTH .. ..}     | Pembroke Estates Office, 1 Wilton Place, Dublin.                       |
|                   | 1902 Apr. 8.    | SMITH, HUGH LESLIE .. ..                       | {Premier Gas Engine Co., Ltd., San-<br>diacre, nr. Nottingham.         |
|                   | 1885 Dec. 1.    | *SMITH, JAMES CAMPBELL .. ..                   | Boro' Surveyor, Bury St. Edmunds.                                      |
|                   | 1894 Dec. 4.    | SMITH, JAMES GOULD .. ..                       | Boro' Surveyor, Guild Hall, Bever-                                     |
|                   | 1906 Apr. 3.    | {SMITH, JAMES HENRY WOOL-<br>STON .. .. ..}    | York House, Minehead. [ley.  |
|                   | 1898 Apr. 5.    | SMITH, JOHN WILLIAM .. ..                      | 34 Wilfred Street, Derby.  |
|                   | 1891 Feb. 3.    | SMITH, RICHARD WILLIAM .. ..                   | {Assist. Director of Irrigation,<br>Colombo, Ceylon.                   |
|                   | t † 1881 May 3. | {SMITH, Professor ROBERT<br>HENRY .. .. ..}    | 3 Thirlmere Road, Streatham, S.W.                                      |
|                   | 1889 Apr. 2.    | {*SMITH, ROGER THOMAS,<br>B.Sc. (Lond.) .. ..} | Elec. Eng.'s Dept., G.W.Ry., Bishop's Road, Paddington, W.             |
|                   | 1901 Apr. 23.   | SMITH, SYDNEY ARTHUR .. ..                     | 1 Princess Street, Manchester.   |
|                   | 1895 Jan. 8.    | SMITH, T. RIDSDILL .. ..                       | Ravensthorpe, Hessele, Yorks.  |
|                   | 1897 Jan. 12.   | *SMITH, THOMAS, B.A.I. (Dubl.)                 | G. N. Ry., Castlewellan, co. Down.                                     |
|                   | 1883 Feb. 7.    | SMITH, THOMAS READER .. ..                     | District Council, Kettering.   |
|                   | 1891 Apr. 7.    | SMITH, THOMAS RHYS .. ..                       | Cos Cob, Connecticut, U.S.   |
|                   | 1904 Mar. 1.    | *SMITH, THORNTON BROWN .. ..                   | 66 College Street, Chelsea, S.W.                                       |
|                   | 1891 Feb. 3.    | SMITH, WILLIAM .. ..                           | Sewerage Branch, Sydney N.S.W.   |
|                   | 1886 May 4.     | {*SMITH, WILLIAM CHARLES<br>ERNEST .. .. ..}   | Chemins de Fer de la Basse-Egypte,<br>Mansourah, Egypt.                |
|                   | 1904 Apr. 19.   | *SMITH, WILLIAM FREDERICK .. ..                | City Engineer's Office, Leeds.   |
|                   | 1890 Dec. 2.    | {*SMITH - SAVILLE, ROBERT<br>WILLIAM .. .. ..} | Borough and Water Engineer,<br>Darwen.                                 |
|                   | 1901 Dec. 3.    | SMYTH, JOHN MCFALL .. ..                       | {Borough Electrical Engineer, Keigh-<br>ley.                           |
|                   | 1887 Apr. 5.    | SNELL, HARRY.. ..                              | Stanwell Rd., Penarth, Cardiff.  |
|                   | 1884 May 27.    | *SNELL, HENRY DE MORGAN .. ..                  | 20 Cockspur Street, S.W.   |
|                   | 1896 Feb. 4.    | {*SOBBE, FERDINAND AUGUSTUS<br>VON .. .. ..}   | 3 Belvidere Road, Liverpool.   |
|                   | 1904 Dec. 6.    | *SOLEY, ALEXIS.. ..                            | {Central Cordoba and B.A. Ry., 144<br>Calle Reconquista, Buenos Ayres. |
|                   | 1881 Dec. 6.    | *SOLLY, HUBERT LE GAY .. ..                    | Govt. Rys., Cape Town, C.C.  |



| Date of Election. | ASSOCIATE MEMBERS.   |  |
|-------------------|--|--|
| 1905 Apr. 4.      | { SOILY, JOHN BENJAMIN<br>TRAVERS .. .. }                            | Town Engineer's Office, Johannesburg.                                    |
| 1883 Feb. 6.      | SOLOMON, MAURICE .. ..   | { Eng.'s Office, L. B. & S. C. Ry.,<br>London Bridge, S.E.               |
| 1902 Feb. 4.      | *SOLOMON, REGINALD SAUL ..   | c/o E. Marcus, 79 Hamilton Ter., N.W.                                    |
| 1898 Dec. 6.      | *SOMERS, WILLIAM TOM WOOD  | P.W.D., Lahore, Punjab.  |
| 1898 Feb. 1.      | { *SONNEBORN, ALBERT EDWARD<br>HARVEY .. .. }                        | 23 Minster Road, West Hampstead, N.W.                                    |
| 1901 Apr. 2.      | { *SONNENSCHNEIN, FREDERIC<br>BOLTON .. .. }                         | 77 High Street, Marylebone, W.   |
| 1897 Feb. 2.      | *SOPER, ROBERT LEWIS .. ..   | Theydon Towers, Epping.  |
| 1887 May 24.      | SORABJEE, SHAPURJEE .. ..  | { Shapurjee & Ratanshaw, 77 Finsbury<br>Pavement, E.C.                   |
| 1881 May 31.      | SOTO, PEDRO NOLASCO DE ..  | Ferro Carril de Zafra, Huelva, Spain.                                    |
| 1900 Apr. 3.      | *SOUTHEY, FREDERICK .. ..  | { Kowloon-Canton Ry., c.o. Colonial<br>Secy., Hong-Kong.                 |
| 1883 Apr. 3.      | SOUTTER, PETER WILLIAM ..  |  |
| 1893 Feb. 7.      | *SPARKS, IVON ALGERNON ..  | Hillingdene, Gresham Rd., Staines.                                       |
| 1897 Apr. 6.      | { *SPARKS, JAMES NOEL,<br>B.A. ( <i>Cantab.</i> ) .. .. }            | Winchester Ho., Old Broad St., E.C.                                      |
| 1894 Jan. 9.      | *SPENCE, WILFRID L. .. ..  | { 31 St. Vincent Place, Glasgow.<br>(Electrify, Glasgow. Royal<br>1500.) |
| 1890 Mar. 4.      | *SPENCER, CHARLES TALLENT ..   | { The Hall, Harmondsworth, Middle-<br>sex. (Spencer, Sipson.)            |
| 1904 Dec. 6.      | { *SPENCER, EDMUND STONE,<br>B.Sc. ( <i>Victoria</i> ). .. .. }      | P.W.D., Port Sudan, Sudan.   |
| 1890 Dec. 2.      | *SPENCER, HENRY BATH .. ..   | 2 Garrioch Drive, Maryhill, Glasgow.                                     |
| 1876 May 30.      | SPENCER, JOHN PHILIP .. ..   | Tynemouth.   |
| 1894 May 22.      | { *SPENCER, LEONARD GRANTLEY<br>PAOLI .. .. }                        | New Plymouth, N.Z.   |
| 1895 May 21.      | { SPENCER, THOMAS WILLIAM<br>LORAIN .. .. }                          | D.P.W., Casino, N.S.W.   |
| 1895 Dec. 3.      | { *SPENCER-STANHOPE, PHILIP<br>BERTIE, M.A. ( <i>Oxon.</i> ) .. .. } | Stone, Ashburton, S. Devon.  |
| 1880 Apr. 6.      | *SPIELMAN, ISIDORE .. ..   | 56 Westbourne Terrace, W.  |
| 1861 Mar. 5.      | SPIERS, JOSEPH .. ..   | 9 Marchwood Crescent, Ealing, W.   |
| 1904 Dec. 6.      | SPILLER, JOHN WYATT .. ..  | { Eng.'s Office, G.W.Ry., Padding-<br>ton, W.                            |
| 1877 Dec. 4.      | SPINDLER, HENRY LEWIS ..   | Port Elizabeth, C.C.   |
| 1885 Jan. 13.     | SPOONER, HENRY JOHN .. ..  | 309 Regent Street, W.  |
| 1900 Mar. 6.      | *SPRAGUE, ERNEST HEADLY ..   | 180 Regent's Park Road, N.W.   |
| 1901 Mar. 5.      | *SPRECKLEY, JOHN ALFRED ..   | Boro' Surveyor, Ludlow.  |
| 1886 Jan. 12.     | *STABLES, EDWARD .. ..   | { c.o. R. H. Harland, 37 Lombard<br>Street, E.C.                         |
| 1906 Feb. 6.      | { *STACEY, WILLIAM HENRY,<br>B.Sc. ( <i>Birmingham</i> ) .. .. }     | Ingleside, Coleshill, Warwickshire.                                      |
| 1899 Feb. 7.      | STACPOOLE, STEPHEN WESTROPP  | { 3A Avenida de la Libertad No. 5,<br>Orizaba, Vera Cruz, Mexico.        |
| 1891 Dec. 1.      | *STAINFORTH, GEORGE MAYNARD  | Casilla 473, San José, Costa Rica.                                       |
| 1894 Dec. 4.      | STAINTHORPE, THOMAS WILLIAM  | P.W.D., Cape Town, C.C.  |
| 1894 May 22.      | STANTON, FRANCIS CHARLES ..  | { Engineer's Office, S. E. & L. C. & D.<br>Rys., London Bridge, S.E.     |
| 1895 May 21.      | *STALLARD, SIDNEY .. ..  | County Surveyor, Oxford.   |
| 1888 Feb. 7.      | *STALLIBRASS, EDWARD .. ..   | { 27 Cumberland Mansions, Bryanston<br>Square, W.                        |
| 1896 Feb. 4.      | *STAMP, CHARLES .. ..  | { Suptg. Engineer's Office, Dockyard,<br>Devonport.                      |
| 1903 Feb. 3.      | *STANDEN, HUGH WYATT ..  | { 40 Courtfield Gardens, South Ken-<br>sington, S.W.                     |
| 1900 Dec. 4.      | STANDFIELD, FRANK .. ..  | 22 Pelham Road, Gravesend.   |

| Date of Election. | ASSOCIATE MEMBERS.                                       |   |
|-------------------|--|---|
| 1903 Feb. 3.      | *STANFORD, FREDERICK OWEN                                | { H.M. Dockyard, Simonstown, Cape Colony.                         |
| 1904 Jan. 12.     | { *STANGER, REGINALD HARRY<br>HURSTHOUSE .. .. . }       | { Broadway Testing Works, Westminster, S.W.                       |
| 1904 Dec. 6.      | { *STANIER, CHARLES EDWARD,<br>B.Sc. (Lond.) .. .. . }   | { P. S. & A. Co., Old Park Works, Wednesbury.                     |
| 1900 Jan. 9.      | STANLEY, EDWARD GOWER ..                                 | { Under Secretary to Government, P.W.D., Simla.                   |
| 1890 Feb. 4.      | STANLEY, WILLIAM HENRY ..                                | Sunnycroft, Trowbridge, Wilts.                                    |
| 1880 Dec. 7.      | STANNARD, ARTHUR .. ..                                   | 14 West Kensington Mansions, W.                                   |
| 1901 Feb. 5.      | { *STANSFIELD, SAMUEL,<br>B.Sc. (Victoria) .. .. }       | { 78 Ayresome Street, Middlesbrough.                              |
| 1902 Dec. 2.      | { STANTON, FREDERICK WILLIAM<br>SCHULTHEISS .. .. . }    | { 28 Baldwin Street, Bristol.                                     |
| 1898 Mar. 1.      | *STANTON, WALTER CHARLES ..                              | Thos. Cook & Son, Bombay.   |
| 1892 Feb. 2.      | *STAPLES, SYDNEY FRANCIS ..                              | 11 Victoria Street, S.W.  |
| 1898 Feb. 1.      | *STAPLETON, BRYAN, F.C.H. ..                             | King, King & Co., Bombay.   |
| 1899 Mar. 7.      | *STAPYLTON, ALAN .. .. .                                 | c.o. King, Hamilton & Co., Calcutta.                              |
| 1868 Dec. 1.      | STATHAM, EDWYN JOSEPH ..                                 | { Cumberland Heights, Parramatta, N.S.W.                          |
| 1895 Apr. 2.      | *STATHAM, HUGH WORTHINGTON                               | Narrandera, New South Wales.                                      |
| 1894 Dec. 4.      | *STATHAM, WILLIAM BLACKWALL                              | { Linde British Refrigeration Co., 35 Queen Victoria Street, E.C. |
| 1888 May 1.       | *STATTER, JOHN GRICE .. ..                               | { Cornwall Bldgs., Newhall Street, Birmingham.                    |
| 1893 Feb. 7.      | STAWELL, JONAS MOLESWORTH                                | { Ry. Construction Dept., Sydney, N.S.W.                          |
| 1896 Dec. 1.      | { STEEDMAN, HENRY PERCY<br>GORMANSTON .. .. . }          | { A.-B. London Wax Vesta Co., Gothenburg, Sweden.                 |
| 1899 Apr. 11.     | STEELE, WILLIAM JONES ..                                 | City Engineer's Office, Bristol.                                  |
| 1904 Dec. 6.      | { STELFOX, SYDNEY HERBERT,<br>B.Sc. (Victoria) .. .. . } | { Ormeau Park, Belfast.   |
| 1893 Mar. 7.      | STEPHEN, FREDERIC WILBER ..                              | Cleveland Bridge Co., Darlington.                                 |
| 1906 Apr. 3.      | STEPHEN, FREDERICK WILLIAM                               | Cleveland Bridge Co., Darlington.                                 |
| 1883 May 29.      | *STEPHEN, JAMES BROWN .. ..                              | Lancing, Worthing.  |
| 1894 May 1.       | STEPHEN, JAMES HENRY .. ..                               | Leigh, Lanes.   |
| 1898 Apr. 5.      | STEPHENS, CHARLES THOMAS ..                              | { Mount Lyell Ry., Queenstown, Tasmania. [Calcutta.               |
| 1905 Jan. 10.     | STEPHENS, EVAN .. .. .                                   | Engr.'s Office, Bengal-Nagpur Ry.,                                |
| 1894 Dec. 4.      | *STEPHENS, HOLMAN FRED ..                                | Light Railway Office, Tonbridge.                                  |
| 1888 Dec. 4.      | *STEPHENSON, EDMUND PALEY                                | Town Hall, Llandudno.   |
| 1898 Mar. 1.      | STEPHENSON, EDWARD .. ..                                 | { Bowes Scott & Western, Broadway Chambers, Westminster, S.W.     |
| 1887 May 3.       | { STEPHENSON, JOSEPH GURDON<br>LEYCESTER .. .. . }       | { 33A Broadway, Hammersmith, W.                                   |
| 1894 Dec. 4.      | *STEPHENSON, RALPH HARRY ..                              | { Ferguson & Co., St. Saviour's Road E., Leicester.               |
| 1905 Apr. 4.      | STEPHENSON, WALTER EDWARD                                | City Engineer's Office, Leeds.                                    |
| 1897 Mar. 2.      | STERICKER, WALTER PERCHARD                               | { Cedar Lodge, Melton, Woodbridge, Suffolk.                       |
| m † 1896 Dec. 1.  | *STEVEN, JOHN WILSON .. ..                               | 8 Clarence Drive, Hyndland, Glasgow.                              |
| 1904 Dec. 6.      | *STEVENS, HERBERT LESLIE ..                              | 2 Loates Lane, Watford, Herts.                                    |
| 1885 May 5.       | STEVENS, PERCIVAL .. .. .                                | Port of Spain, Trinidad.  |
| 1904 Apr. 12.     | STEVENS, THEODORE .. .. .                                | { 26 Montalt Road, Woodford Green, Essex.                         |
| 1869 Jan. 12.     | STEVENS, WARWICK ALAN ..                                 | 237 Southwark Bridge Rd., S.E.                                    |
| 1899 Dec. 5.      | { *STEVENSON, GEORGE HAROLD,<br>B.Sc. (Edin.) .. .. . }  | { c.o. King, Hamilton & Co., Calcutta.                            |
| 1874 Apr. 14.     | STEVENSON, JOHN .. .. .                                  | 48 Park Place, Cardiff.   |
| 1881 Mar. 1.      | STEVENSON, SIDNEY EVANCE ..                              | { Westward Ho, Clarence Road, Harpenden, Herts.                   |



Date of  
Election.

## ASSOCIATE MEMBERS.

|   |               |   |  |
|---|---------------|---|--|
| ✠ | 1901 Mar. 5.  | *STEWART, ANGUS MATHESON..  | { Dept. Via y Obras, F. C. Oeste,<br>Buenos Ayres.                         |
|   | 1905 Apr. 4.  | *STEWART, DONALD MACIVER..  | { Dera Ghazi Khan, Punjab.   |
|   | 1894 Feb. 6.  | STEWART, JOHN EDWIN .. ..   | { River Plate Loan Trust, Avenida<br>de Mayo 645, Buenos Aires.            |
|   | 1899 Dec. 5.  | STEWART, PERCY CHARLES .. ..  | { L. & N. W. Ry., 9 Walton's Parade,<br>Preston.                           |
|   | 1891 Dec. 1.  | *STEWART, THOMAS .. .. .  | { Irrigation Dept., Colombo, Ceylon.                                       |
|   | 1889 Jan. 8.  | *STICKLAND, ERNEST ALBERT ..  | { Boro' Surveyor, Windsor.   |
|   | 1895 Feb. 5.  | *STILL, ALFRED .. .. .  | { Yette Lodge, Ellesmere Park, Eccles.                                     |
|   | 1893 May 2.   | *STILL, PERCY .. .. .   | { Chelsea Electricity Co., 19 Cadogan<br>Gardens, S.W.                     |
|   | 1901 Dec. 3.  | *STIRLING, GROTE .. .. .  | { Engineer's Office, M. & G. N. Rys.,<br>Melton Constable.                 |
|   | 1898 Dec. 6.  | STIRLING, JAMES .. .. .   | { G.N. Piccadilly & Brompton Ry., 6<br>Belgrave Street, King's Cross, W.C. |
|   | 1906 Feb. 6.  | { STIRLING, JAMES NEILSON,<br>M.A., B.Sc. (Glas.) .. .. }                           | { 9 Hillington Park Circus, Cardo-<br>nald, Govan.                         |
|   | 1892 Apr. 5.  | *STOCKEN, ALFRED LEONARD ..   | { Lacrois, Fils et Cie., Mazères-sur-le-<br>Salat, France.                 |
| ✠ | 1878 Feb. 5.  | *STOESS, CHARLES ANTHONY ..   | { Box 48, Vancouver, British Columbia.                                     |
|   | 1895 Dec. 3.  | *STOKER, GILBERT .. .. .  | { 41 Gonville Road, Thornton Heath.  |
|   | 1889 Jan. 8.  | *STOKOE, EDWARD RICHMOND ..   | { Kwala Lumpur, Selangor, F.M.S.   |
|   | 1886 Apr. 6.  | *STONE, FRANK HOLMES .. ..  |  |
|   | 1906 Apr. 3.  | STORRAR, ADAM YOUNG .. ..   | { Caledonian Railway, 16 Killermont<br>Street, Glasgow.                    |
| ✠ | 1896 Dec. 1.  | STOTHERD, CHARLES EGREMONT  | { Jeypore, Rajputana, India.   |
| ✠ | 1901 Dec. 3.  | *STOW, GEORGE .. .. .   | { Southdown Road, Shoreham.  |
|   | 1900 Apr. 3.  | STRACEY, HERBERT JAMES ..   | { Western Mail Chambers, Cardiff.  |
|   | 1874 Feb. 3.  | *STRACHAN, JOHN .. .. .   | { Craigisla, Penylan, Cardiff.   |
|   | 1898 Apr. 5.  | STRACHEY, RALPH .. .. .   | { E. I. Ry., Allahabad, India.   |
|   | 1888 May 15.  | STRAIN, JOHN LOUDON .. ..   | { Court House Chambers, Buxton.  |
|   | 1879 Feb. 4.  | { STRAKER, CHARLES EDMUND,<br>M.A. (Cantab.) .. .. }                                | { High Warden, Hexham.   |
|   | 1895 Dec. 3.  | STRAKER, SIDNEY .. .. .   | { 9 Bush Lane, Cannon Street, E.C.   |
|   | 1904 Jan. 12. | { *STRANG, WILLIAM GUTHRIE,<br>B.Sc. (Glas.) .. .. }                                | { Electric Construction Co., Limited,<br>Wolverhampton.                    |
|   | 1885 Dec. 1.  | STRAPP, WALTER .. .. .  | { Rue de Madrid 15, Paris.   |
|   | 1906 Apr. 3.  | STREATHER, WILLIAM TURNER   | { Town Hall, Waltham Abbey.  |
|   | 1894 Dec. 4.  | *STRIDE, HERBERT WALTER ..  | { Branfill Road, Upminster, Essex.   |
|   | 1890 May 6.   | *STRINGFELLOW, WILLIAM ..   | { Urban District Council, Ashborne,<br>Derbyshire.                         |
|   | 1869 Feb. 2.  | STRONGITHARM, AUGUSTUS HORACE   | { Barrow-in-Furness.   |
|   | 1897 Feb. 2.  | { *STRUBEN, ARTHUR MARINUS<br>ALEXANDER .. .. . }                                   | { P.O. Box 1228, Pretoria, Transvaal.                                      |
|   | 1906 Apr. 3.  | { STUART, DONALD MACDONALD<br>DOUGLAS .. .. . }                                     | { Redland, Bristol.  |
|   | 1882 May 23.  | { STUART, JAMES,<br>M.A., LL.D. (Cantab.) .. }                                      | { 24 Grosvenor Road, S.W.  |
|   | 1898 Feb. 1.  | STUART, JAMES .. .. .   | { 94 Hope Street, Glasgow.   |
|   | 1901 Dec. 3.  | *STUART, JAMES DOUGLAS ..   | { A. Scott & Co., Rangoon, Burma.  |
|   | 1900 Apr. 3.  | { STUART-MENTETH, WILLIAM<br>FREDERICK .. .. . }                                    | { T. Cook & Sons, Bombay.  |
|   | 1899 Dec. 5.  | { STUBBS, HERBERT EDWARD<br>CRAMPTON .. .. . }                                      | { P.W.D., Jhelum Valley Road,<br>Srinagar, Kashmir, India.                 |
|   | 1885 Apr. 14. | STUBBS, JOHN PEMBERTON ..   | { 43 Wroughton Road, Balham, S.W.  |
|   | 1883 Dec. 4.  | STUBBS, WILLIAM .. .. .   | { Municipal Offices, Blackburn.  |
|   | 1898 Apr. 5.  | STUDLEY, SAMUEL HAROLD ..   | { Water Dept., Town Hall, Sheffield.                                       |
|   | 1890 Dec. 2.  | *SUAREZ, PEDRO .. .. .  | { Ingeniero Primero de Caminos, Ribor-<br>alta, Rio Beni, Bolivia.         |
|   | 1894 Dec. 4.  | { SUBRAHMANYAM AIYAR, SUN-<br>DARAIYAR ARUMBUR, Rai<br>Sahib, B.A., B.E. (Madras) } | { Mayavaram, Tanjore, Madras.  |



| Date of Election.  |   | ASSOCIATE MEMBERS.   |  |
|--------------------|---|--|--|
| 1894 Jan. 9.       | SUGGATE, ALFRED .. ..   | 33 Villa Road, Brixton, S.W.                               |  |
| 1891 Jan. 13.      | SUGGATE, FREDERICK CHENERY  | Gasworks, Auckland, N.Z.                                   |  |
| 1903 Apr. 7.       | { SULLIVAN, ROBERT JAMES,<br>B.A.I. ( <i>Dubl.</i> ) .. .. }        | 4 Moyola Terrace, Lansdowne Road,<br>Limerick.             |  |
| 1883 Jan. 9.       | *SUMMERSCALE, ALFRED .. ..  | Nowell & Sons, 28 Victoria St., S.W.                       |  |
| 1896 Mar. 3.       | *SUTCLIFFE, JOHN .. ..  | Town Hall, Kennington Green, S.E                           |  |
| 1896 Dec. 1.       | { SUTHERLAND, ALEXANDER<br>CHARLES, M.A., M.C.E. ( <i>Melb.</i> ) } | Govt. Mining Engineer's Office<br>Johannesburg, Transvaal. |  |
| 1895 Dec. 3.       | *SUTHERLAND, JAMES .. ..  | { P.W.D., Lower Sind Ry., Hydera-<br>bad, Sind.            |  |
| 1894 May 22.       | SUTHERLAND, JOHN ROBERTSON  | 45 John Street. Glasgow.                                   |  |
| 1886 Dec. 7.       | SUTTON, JOSEPH WALKER ..  | 36 Bedford Street, Strand, W.C.                            |  |
| 1895 Dec. 3.       | SUTTOR, JOHN BLIGH .. ..  | { Commercial Agency, N.S.W. Govt.,<br>Kobe, Japan.         |  |
| 1906 Feb. 6.       | *SVENSSON, GILLIS .. ..   | Vine Cottage, Waltham Cross.                               |  |
| ✠ 1885 Mar. 3.     | *SWAINSON, JOHN HENRY ..  | { 66 Church Street, Egremont,<br>Cheshire.                 |  |
| 1905 Jan. 10.      | *SWALES, JOHN KIRBY .. ..   | { Leeds Corporation Works, Masham,<br>R.S.O., Yorks.       |  |
| 1904 Dec. 6.       | { *SWAN, PERCIVAL, B.A.<br>( <i>Cantab.</i> ) .. .. }               | 24 Diamond Street, Saltburn, Yorks.                        |  |
| 1899 Dec. 5.       | SWARBRICK, ROBERT ALFRED  | 117 The Avenue, Ealing, W.                                 |  |
| 1901 Dec. 3.       | *SWAYNE, GERALD .. ..   | Lanesboro, Guildford.                                      |  |
| 1904 Dec. 6.       | *SWEETMAN, WALTER .. ..   | Stuartstown Ry., Ixopo, Natal.                             |  |
| 1896 Dec. 1.       | SWINBURNE, GEORGE .. ..   | 99 Queen St., Melbourne, Victoria.                         |  |
| 1892 Dec. 6.       | { *SYKES, CHARLES FREDERICK,<br>F.C.H. .. .. }                      | e.o. H. S. King & Co., 9 Pall Mall,<br>S.W.                |  |
| ✠ 1888 Dec. 4.     | SYKES, CLEMENT MORISCRIP ..   | King, King & Co., Bombay.                                  |  |
| 1888 Jan. 10.      | SYKES, EDWARD .. ..   | District Council, Cheadle, Manchester.                     |  |
| 1897 Jan. 12.      | *SYKES, JOSEPH CHARLES ..   | 21 Ardbeg Road, Herne Hill, S.E.                           |  |
| 1892 Mar. 1.       | *SYMMONS, PERCY WILSON ..   | 113 Cannon Street, E.C.                                    |  |
| 1894 Mar. 6.       | SYMONS, DIOGO ANDREW ..   | 9 Bridge Street, Westminster S.W.                          |  |
| 1890 Mar. 4.       | { *SYNGE, ROBERT ANTHONY,<br>B.A. ( <i>Dubl.</i> ) .. .. }          | Edward Synge, 11 Leinster Street,<br>Dublin.               |  |
| 1888 Dec. 4.       | SYSON, ROBERT COCKBURN ..   | 108A West Regent Street, Glasgow.                          |  |
| 1897 Apr. 6.       | SZLUMPER, CHARLES DAVID ..  | 17 Victoria Street, S.W.                                   |  |
| 1887 Dec. 6.       | TAITE, JOHN CHARLES .. ..   | { 63 Queen Victoria Street, E.C.<br>(Central 6925.)        |  |
| T.t ✠ 1890 Dec. 2. | TANABE, Professor SAKURO ..   | Kioto University, Japan.                                   |  |
| 1905 Apr. 4.       | { *TANSLEY, GEORGE EDWARD,<br>B.Sc. ( <i>Victoria</i> ) .. .. }     | e.o. E. Green & Son, Economiser<br>Works, Wakefield.       |  |
| 1896 Mar. 3.       | *TARGET, FELIX ALEXANDER ..   | { Soci  t   de Travaux pour l'Etranger,<br>Lamia, Greece.  |  |
| 1901 Dec. 3.       | *TARRANT, ERNEST ARTHUR ..  | { 120 Langdale Road, Thornton<br>Heath, Surrey.            |  |
| 1904 Dec. 6.       | TARVER, GEORGE HERBERT ..   | { Cleveland Bridge and Engineering<br>Co., Darlington.     |  |
| 1891 Dec. 1.       | TATE, HERBERT WILLIAM ..  | 405 Cheetham Hill Rd., Manchester.                         |  |
| 1893 Dec. 5.       | TATE, JOHN .. ..  | Olinda, Cranleigh, Surrey.                                 |  |
| 1887 Jan. 11.      | TATE, WALTER HOWARD ..  | Taiping, Perak, S.S.                                       |  |
| 1893 Dec. 5.       | { TAYLER, ALEXANDER JAMES<br>WALLIS .. .. }                         | Esquimault, Robin Hood Lane,<br>Sutton, Surrey.            |  |
| 1896 Dec. 1.       | TAYLOR, ARTHUR JOSEPH ..  | { 6 Apsley Crescent, Manningham,<br>Bradford.              |  |
| 1897 Dec. 7.       | { *TAYLOR, DAVID GUILLAND,<br>B.Sc. ( <i>Glas.</i> ) .. .. }        | 6 The Terrace, R. N. Hospital,<br>Haslar, Gosport.         |  |
| m 1902 Apr. 8.     | { *TAYLOR, FRANK COSTON,<br>M.A. ( <i>Cantab.</i> ) .. .. }         | State Railways Dept., Cairo, Egypt.                        |  |

Date of  
Election.

## ASSOCIATE MEMBERS.

|                   |  |  |
|-------------------|--|--|
| 1897 Jan. 12.     | TAYLOR, HARRY WILLIAM ..   | { St. Nicholas Chambers, Amen<br>Corner, Newcastle-on-Tyne.        |
| 1885 May 19.      | TAYLOR, HENRY .. .. .  | District Council, Clevedon, Somerset.                              |
| 1899 Apr. 11.     | *TAYLOR, JOHN CHARLES, R.N.R.                                      | Port Commissioners' Office, Calcutta.                              |
| 1904 Feb. 2.      | { *TAYLOR, JOHN REGINALD,<br>M.A. ( <i>Cantab.</i> ) .. .. . }     | 1 Grey Coat Gardens, Westminster,<br>S.W.                          |
| 1886 Apr. 6.      | *TAYLOR, ROBERT CHARLES ..   | St. James's Gate Brewery, Dublin.                                  |
| 1886 Jan. 12.     | TAYLOR, ROBERT HENRY ..  | 230 Lewisham High Road, S.E.                                       |
| 1879 Apr. 1.      | TEASEL, JAMES EDWIN ..   | 3 Queen Street, Great Yarmouth.                                    |
| 1903 Apr. 7.      | *TEDMAN, CYRIL .. .. .   | G.I.P. Ry., Lonavla, India.  |
| 1901 Mar. 5.      | *TEMPLE, LEONARD .. .. .   | { 20 Cornwall Mansions, Ashburnham<br>Road, Chelsea, S.W.          |
| 1891 May 5.       | TEMPLER, CHARLIE LIONEL ..   | { Sterling Works, Foleshill Road,<br>Coventry.                     |
| 1886 May 18.      | { *TEMPLETON, EDWIN ARTHUR<br>SLADE, M.A. ( <i>Dubl.</i> ) .. .. } | Buckholtz Turbine Syndicate, Win-<br>chelsea Road, Harlesden, N.W. |
| 1897 Apr. 6.      | *TERRY, ALFRED JOHN .. ..  | Grove Mount, Pudsey.   |
| 1902 Apr. 8.      | THAIN, WILLIAM ARTHUR ..   | { Royal Agricultural College, Ciren-<br>cester.                    |
| 1905 Dec. 5.      | { *THISELTON-DYER, GEORGE<br>HENRY, B.A. ( <i>Cantab.</i> ) .. }   | Waterworks, Portsmouth.  |
| 1905 Apr. 4.      | THOMAS, ANDREW .. .. .   | Mehsana, Gujerat, India.   |
| 1899 Dec. 5.      | THOMAS, ARTHUR EDMUND ..   | Moa Tin Mine, Moorina, Tasmania.                                   |
| 1881 Feb. 1.      | THOMAS, CHARLES HENRY ..   | { Brecon & Merthyr Ry., Tredegar<br>Chambers, Newport, Mon.        |
| 1881 May 31.      | THOMAS, CHARLES NEUMANN ..   | House of Assembly, Cape Town.                                      |
| 1896 May 5.       | THOMAS, DAVID PROSSER ..   | { Taff Chambers, Taff Street, Ponty-<br>pridd.                     |
| 1877 May 29.      | THOMAS, HERBERT OLIVER ..  | Town Hall, Woolwich.   |
| 1899 Dec. 5.      | { *THOMAS, HUBERT ROBERT,<br>B.Sc. ( <i>Victoria</i> ) .. .. . }   | 1 Avenue Road, Wolverhampton.                                      |
| 1890 Dec. 2.      | THOMAS, JOHN .. .. .   | 14 Fisher Street, Swansea.   |
| 1896 Dec. 1.      | THOMAS, JOHN FREDERICK IVOR  | { Municipal Electricity Works,<br>Johannesburg.                    |
| 1860 May 22.      | THOMAS, JOSEPH LEE .. .. .   | 2 Hanover Terrace, Ladbroke Sq., W.                                |
| 1901 Dec. 3.      | THOMAS, ORLANDO VENNING ..   | P.W.D., Penang, S.S.   |
| 1902 Dec. 2.      | *THOMAS, PERCY, M.Sc. ( <i>Victoria</i> )                          | Bloomfield, Ashton Lane, Sale, Ches.                               |
| 1905 Dec. 5.      | THOMAS, REGINALD WILLIAM   | 6 Grimwood Road, Twickenham.                                       |
| 1901 Apr. 2.      | THOMAS, THOMAS GEORGE HOWES  | { 33 Westover Road, Wandsworth<br>Common, S.W.                     |
| 1889 Dec. 3.      | THOMAS, THOMAS JAMES ..  | Town Surveyor, Ebbw Vale, Mon.                                     |
| 1891 Mar. 3.      | THOMAS, TREVOR FALCONER ..   | 9 Mount Stuart Square, Cardiff.                                    |
| ✠ 1889 May 7.     | THOMAS, WILLIAM .. .. .  | Perranporth, Cornwall.   |
| 1902 Dec. 2.      | *THOMAS, WILLIAM .. .. .   | 41 Glenmore Road, Hampstead, N.W.                                  |
| 1887 Jan. 11.     | { THOMAS, WILLIAM EDMOND<br>CLASON .. .. . }                       | Brynhafod, Neath, South Wales.                                     |
| 1896 Dec. 1.      | *THOMAS, WILLIAM MATTHEWS  | { c.o. District Engineer, E.I. Ry.,<br>Delhi.                      |
| 1887 Dec. 6.      | THOMLINSON, JOHN HUTTON ..   | Gasworks, Brisbane, Queensland.                                    |
| 1883 May 29.      | THOMPSON, ALBERT GEORGE ..   | 4 Strathmore Gardens, Bognor.                                      |
| 1886 Feb. 2.      | *THOMPSON, GEORGE WILLIAM  | 8 Belmont Road, Wallington, Surrey.                                |
| 1895 Dec. 3.      | *THOMPSON, JOHN .. .. .  | Rose Hill, Immingham, nr. Grimsby.                                 |
| in ✠ 1883 Feb. 6. | *THOMPSON, JOHN AUGUSTUS ..  | 10 Lloyds Avenue, E.C.   |
| 1894 Mar. 6.      | { *THOMPSON, JOHN EDWARD<br>OAKES .. .. . }                        | 31 Whitefield Road, Stockton Heath,<br>Warrington.                 |
| 1906 Jan. 9.      | { *THOMPSON, PETER ANTHONY,<br>B.A. ( <i>Cantab.</i> ) .. .. . }   | Park Road, Penarth, Cardiff.                                       |
| ✠ 1893 Apr. 11.   | THOMPSON, ROBERT WILLIAM   | St. Thomé, Madras.   |
| ✠ 1904 Apr. 19.   | *THOMPSON, WAUDE .. .. .   | Town Hall, Burton-on-Trent.  |
| 1888 May 15.      | THOMPSON, WILLIAM .. .. .  | 1 Great Winchester Street, E.C.                                    |
| t ✠ 1886 Dec. 7.  | { THOMPSON, WILLIAM MANN,<br>M.A., B.E. ( <i>Sydney</i> ) .. .. }  | Tongara viâ Albion Park, New<br>South Wales.                       |
| 1894 Feb. 6.      | THOMSON, AMBROSE HEBURN  | Court House, Marylebone Lane, W.                                   |



| Date of Election. | ASSOCIATE MEMBERS.   |   |
|-------------------|--|---|
| 1889 Mar. 5.      | *THOMSON, ARTHUR SACKVILLE   | King, Hamilton & Co., Calcutta.                                     |
| 1900 Apr. 3.      | THOMSON, GEORGE .. .. .  | { 3 Woodburn Terrace, Morningside, Edinburgh.                       |
| 1901 Apr. 2.      | THOMSON, GILBERT, M.A. ( <i>Edin.</i> )  | 164 Bath Street, Glasgow.   |
| 1904 Apr. 12.     | THOMSON, HUGH ALEXANDER  | { 2 Grantly Gardens, Shawlands, Glasgow.                            |
| 1889 Jan. 8.      | THOMSON, JAMES .. .. .   | 22 Rutland Square, Edinburgh.                                       |
| 1871 Apr. 4.      | THOMSON, JOHN .. .. .  | Grindal Place, St. Bees, Carnforth.                                 |
| 1876 May 30.      | THORNE, ALFRED .. .. .   | 7 Carteret Street, Westminster, S.W.                                |
| 1900 Apr. 3.      | THORNHILL, WALTER EDWARD   | { Engineer's Office, Dock Road, Garston, Liverpool.                 |
| 1879 Apr. 1.      | THORNTON, HAWTHORN ROBERT  | Govt. Rys., Uitenhage, Cape Colony.                                 |
| 1904 Apr. 12.     | THORNTON, RENNIE .. .. .   | Boro' Surveyor's Office, Southport.                                 |
| 1893 Dec. 5.      | *THORNTON, STANHOPE EVELYN   | { Sanctuary House, Tothill Street, Westminster, S.W.                |
| 1899 Dec. 5.      | *THORNYCROFT, JOHN EDWARD  | Homefield, Chiswick, W.   |
| 1904 Dec. 6.      | *THORPE, ARTHUR NOEL .. .. .   | Dholpur, Rajputana, India.  |
| 1886 Apr. 6.      | *THORPE, ROBERT HENRY .. .. .  | { 4 Queen Victoria Street, E.C. (Eprohit, London. Bank 702.)        |
| 1890 Jan. 14.     | THORPE, WILLIAM HENRY .. .. .  | { 60 Winsham Street, Clapham Common, S.W.                           |
| 1902 Feb. 4.      | { *THRELFALL, HAROLD SPENCER, M.Sc. ( <i>Victoria</i> ), M.Eng. ( <i>Liverpool</i> ) .. .. . | Admiralty Offices, Keyham Extension, Devonport.                     |
| 1898 Dec. 6.      | { *THRING, LEONARD GODFREY PINNEY, B.A. ( <i>Cantab.</i> ) .. .. .                           | Bathampton House, Bathampton, nr. Bath.                             |
| 1889 Feb. 5.      | *THRUPP, EDGAR CHARLES .. .. .   | 39 Victoria Street, S.W.  |
| 1895 Jan. 8.      | *THURSFIELD, FRANCIS .. .. .   | Thursfield & Messiter, Wednesbury.                                  |
| ✠ 1880 Dec. 7.    | *THWAITE, BENJAMIN HOWARTH   | { 29 Great George Street, S.W. (Calcination, London.)               |
| 1889 Dec. 3.      | TICKELL, GEORGE TEMPLER .. .. .  | P.W.D., Selangor, S.S.  |
| 1893 Feb. 7.      | TIDD, ERNEST GEORGE .. .. .  | 68 Gordon Street, Glasgow.  |
| 1890 Dec. 6.      | *TIDDEMAN, EDMUND SPENSER  | 14 Elgin Road, Ilford, E.   |
| 1896 Dec. 1.      | TIFFIN, THOMAS EDWARD .. .. .  | Council Offices, Dartford, Kent.                                    |
| 1867 Dec. 3.      | TIJOU, WILLIAM .. .. .   | { 52 Tavistock Terrace, Tufnell Park, N.                            |
| 1893 May 16.      | *TILL, GUY LAURENCE .. .. .  | City Surv.'s Office, Birmingham.                                    |
| 1891 Dec. 1.      | TILLEY, ALBERT .. .. .   | { 15 Fair Oak Avenue, Newport, Mon.                                 |
| 1889 Apr. 2.      | *TIMMINS, ARTHUR .. .. .   | Bridgewater Foundry, Runcorn.                                       |
| 1896 Mar. 3.      | TIMMINS, THOMAS .. .. .  | { Dorman, Long & Co., Moray St., South Melbourne, Victoria.         |
| 1899 Apr. 11.     | TIMMIS, EDGAR WILLIAM .. .. .  | { 2 Great George Street, Westminster, S.W.                          |
| 1890 May 20.      | { TIMONOFF, Professor VSEVOLOD DE .. .. .  | Ministère des Voies de Communication, Fontanka 117, St. Petersburg. |
| 1875 Mar. 2.      | *TINTORER GIBERGA, JOSÉ .. .. .  | Asalto 12, Barcelona, Spain.  |
| 1900 Apr. 3.      | *TIPPETTS, RUSSELL .. .. .   | C.M. Ry., Cartagena, Colombia.                                      |
| 1904 Apr. 12.     | *TISDALL, ALFRED DOUGLAS   | Britannia Ironworks, Derby.   |
| 1887 Jan. 11.     | TIVOLI, JOSEPH WILLIAM DE .. .. .  | Tezpur-Balipara Ry., Tezpur, Assam.                                 |
| 1904 Apr. 12.     | TOD, JAMES COX, B.Sc. ( <i>Edin.</i> )   | 1 Queensferry Terrace, Edinburgh.                                   |
| 1880 Mar. 2.      | *TODD, AUGUSTUS BYTHESSEA .. .. .  | Quarry Park, Grampound.   |
| 1906 Apr. 3.      | TODD, JOHN SHERWOOD .. .. .  | Eng.'s Office, G.E.Ry., Stratford.                                  |
| 1890 May 20.      | TODD, WILLIAM HENRY .. .. .  | Land of Green Ginger, Hull.   |
| 1901 Mar. 5.      | *TOLHURST, PHILIP WALMESLEY  | Northfleet House, Northfleet.                                       |
| 1896 May. 5.      | TOMES, GEORGE BRUCE .. .. .  | District Council, Mortlake, S.W.                                    |
| 1890 Apr. 1.      | TOMKINS, WILLIAM HENRY .. .. .   | Cottesmore, Roydon, Essex.  |
| 1903 Apr. 7.      | *TOMLINSON, JOHN WILLIAM .. .. .   | St. Mary's Hall, Coventry.  |
| 1896 Dec. 1.      | *TONGE, HAROLD ASHETON .. .. .   | { 5 Brendon House, Great Woodstock Street, W.                       |
| 1897 Mar. 2.      | *TONGE, JOHN HENRY .. .. .   | 50 Victoria Road, Fulwood, Preston.                                 |
| 1881 May 31.      | TONKIN, WALTER WILLIAM .. .. .   | 5 Grove Road, Brixton, S.W.   |



Date of  
Election.

## ASSOCIATE MEMBERS.

|     |               |   |   |
|-----|---------------|---|---|
|     | 1892 Dec. 6.  | { TOOKER, HUGH POLLOCK,<br>B.E. ( <i>Queen's</i> ) .. .. }          | P.W.D., Hong Kong.  |
|     | 1893 Mar. 7.  | { *TOOTH, STANLEY,<br>M.A. ( <i>Cantab.</i> ) .. .. }               | Clare Grange, Prideaux Road, Eastbourne.                                    |
| ✦   | 1885 Dec. 1.  | *TOPHAM, FRANCIS DAVID ..   | King, King & Co., Bombay.   |
|     | 1905 Jan. 10. | *TOPHAM, HANSON .. ..   | { 64 Viton Street, Fulham Palace<br>Road, S.W.                              |
|     | 1899 Dec. 5.  | *TOPHAM, THOMAS EDWARD ..   | Govt. Rys., Durban, Natal.  |
|     | 1906 Apr. 3.  | { *TOPLEY, JOHN WHITEMAN<br>MORLAND .. .. }                         | 38 Victoria Street, S.W.  |
|     | 1873 Dec. 2.  | *TOPLIS, FREDERICK .. ..  | 60 Crouch Hill, N.  |
|     | 1890 Dec. 2.  | TOUCHON, AUGUSTE .. ..  | 14 Caixa do Correio, Rio de Janeiro.  |
|     | 1894 Dec. 4.  | TOWLSON, SAMUEL .. ..   | District Council, Sevenoaks.  |
|     | 1880 Mar. 2.  | { *TOWNSEND, CHARLES JOHN<br>HENRY FYLER .. .. }                    | Saidpur, Eastern Bengal State Ry., Bengal.                                  |
|     | 1900 Jan. 9.  | { TOWNSEND, EDWARD HUMB,<br>B.A.I. ( <i>Dubl.</i> ) .. .. }         | N.L. Ry., Eng.'s Office, Camden Town Station, N.W.                          |
|     | 1875 Jan. 12. | *TOWNSEND, FRANCIS EDWARD   | { 117 Cecil Street, Whitworth Park,<br>Manchester.                          |
| ✦   | 1884 Dec. 2.  | { TOWNSHEND, BERNARD O'DRIS-<br>COLL .. .. }                        | 84 Durnford Street, Stonehouse, Devon.                                      |
|     | 1904 Apr. 19. | TOZER, WILLIAM HENRY ..   | 1 Exmouth Villas, Hampton Hill.   |
|     | 1893 Feb. 7.  | TRAYERS, THOMAS PATRICK ..  | Gasworks, Cork.   |
|     | 1906 Jan. 9.  | *TREDCROFT, ARTHUR FRANCIS  | 77 Waldeck Avenue, Bedford.   |
|     | 1905 Feb. 7.  | { TREE, PHILIP BEAGLEY LE<br>DESPENCER .. .. }                      | Miss Mitchell, 461 Union Street, Aberdeen.                                  |
|     | 1890 Apr. 1.  | TREGLOWN, CHARLES HOCKIN  | 3 Soho Avenue, Handsworth.  |
|     | 1904 Jan. 12. | TREMELLING, HUBERT .. ..  | Boro' Engineer's Office, Newport, Mon.                                      |
|     | 1886 Jan. 12. | TRENCH, GILBERT KENNEDY ..  | 50 Marmora Rd., Honor Oak, S.E.   |
|     | 1897 Feb. 2.  | TRENCHARD, HENRY GOTTREUX   | { Goninan & Co., Wickham, New-<br>castle, New South Wales.                  |
|     | 1893 May 16.  | TRERY, EUGENE HORACE ..   | { C. A. Trery, F. C. de B. A. al P., 277<br>Calle 25 de Mayo, Buenos Aires. |
|     | 1905 Dec. 5.  | { *TRESSLER, KARL THEODORE<br>BERTHOLD, B.Sc. ( <i>Lond.</i> ) .. } | Public Works Department, Tanjore, Madras, India.                            |
|     | 1894 Dec. 4.  | TRESTRAIL, NICHOLAS .. ..   | Claremont Road, Redruth.  |
|     | 1899 Dec. 5.  | TREW, GEORGE HARRY MALE   | H.M. Dockyard, Devonport.   |
|     | 1905 Mar. 7.  | { *TREWBY, ARTHUR, B.A.<br>( <i>Cantab.</i> ) .. .. }               | Walney Bridge Works, Terry Road, Barrow-in-Furness.                         |
|     | 1881 May 31.  | TRIER, FRANK HENRY JULIUS   | 1 Great George Street, S.W.   |
| ✦   | 1894 Mar. 6.  | TRIFFITT, JOHN .. ..  | N.E. Ry., Eng.'s Office, York.  |
|     | 1899 Dec. 5.  | { *TRIMMINGHAM, NORMAN<br>STEWART PAGET .. .. }                     | Paspebiac, Quebec, Canada.  |
|     | 1892 Apr. 5.  | *TRISTRAM, CHARLES FRANCIS  | Lamia, Greece.  |
|     | 1904 Dec. 6.  | TROLLOPE, HENRY CRACROFT  | P.O. Box 543, Bloemfontein.   |
|     | 1898 Apr. 5.  | TROUNSON, JOHN CARDELL ..   | Municipal Offices, Plymouth.  |
|     | 1901 Dec. 3.  | *TRUBSHAW, CHARLES KENNETH  | Engineer's Office, Midland Ry., Derby.                                      |
|     | 1883 Dec. 4.  | TUCK, Rev. EDMUND HENRY ..  | 107 Tyrwhitt Road, S.E.   |
| ni  | 1897 Apr. 6.  | *TUCKER, PIERCE JOSEPH ..   | Fairlawn, Molescroft, Beverley.   |
|     | 1892 May 3.   | TUCKER, ROBERT BOUCHER ..   | 56 Butt Road, Colchester.   |
|     | 1901 Feb. 5.  | { TUCKEY, WILLIAM ROBINSON<br>TOWNSEND, B.E. ( <i>Royal</i> ) .. }  | 9 Victoria Terrace, Tientsin, China.  |
|     | 1892 Dec. 6.  | TUCKWELL, JOHN MORRISON ..  | { Rhuarden, Kilmalcom, Renfrew-<br>shire.                                   |
| t ✦ | 1882 Feb. 7.  | *TUFNELL, CARLETON FOWELL   | Iver, Kenley, Surrey.   |
|     | 1894 Dec. 4.  | TURLEY, ARTHUR CLIFFORD ..  | City Surveyor, Canterbury.  |
|     | 1890 Dec. 2.  | *TURNBULL, NICHOLAS KING ..   | Bradford Ironworks, Manchester.   |
|     | 1905 Apr. 11. | { *TURNBULL, WALTER ALEX-<br>ANDER .. .. }                          | 4 St. Nicholas Terrace, Hull Road, York.                                    |
|     | 1869 Mar. 2.  | TURNER, FRANK .. ..   | Bracondale, Ontario, Canada.  |
|     | 1873 May 20.  | TURNER, FRANK DE MIERRE ..  | Oporto, Portugal.   |
|     | 1884 Dec. 2.  | *TURNER, JOHN HARRISON ..   | Wiltshire Foundry, Warminster.  |

| Date of Election. |  | ASSOCIATE MEMBERS.                               |  |
|-------------------|--|--|--|
| 1906 Jan. 9.      |  | *TURNER, SYDNEY GEORGE ..                        | 23 Earl's Court Gardens, S.W.                                |
| 1904 Apr. 12.     |  | *TURNER, VINCENT .. ..                           | City Hall, Charing Cross Road, W.C.                          |
| 1906 Apr. 3.      |  | TWEEDIE, JOHN .. ..                              | 180 West Regent Street, Glasgow.                             |
| m 1875 Mar. 2.    |  | *TWEEDIE, WILLIAM .. ..                          | { New Hamburg Ry., Porto Alegre, Brazil.                     |
| 1894 Feb. 6.      |  | TWIDDY, JAMES HANDFIELD ..                       | Parijs, Orange River Colony.                                 |
| m ✠ 1893 Apr. 11. |  | *TWINBERROW, JAMES DENIS ..                      | { 6 Osborne Avenue, Hexham-on-Tyne.                          |
| m ✠ 1904 Mar. 1.  |  | *TYACK, ARTHUR HENRY .. ..                       | Bakewell, Derbyshire,  |
| 1905 Dec. 5.      |  | TYERS, ALEXANDER MACKENZIE                       | Healsville, Victoria.  |
| 1896 May 5.       |  | TYLER, EDWARD HENRY ..                           | 74 Croxted Road, West Dulwich, S.E.                          |
| 1902 Feb. 4.      |  | *TYLEY, FREDERICK JOHN ..                        | Merton House, Dolphin Rd., Slough.                           |
| 1894 Dec. 4.      |  | TYRRELL, JAMES HENRY ..                          | { Municipal Tramways, Johannesburg, Transvaal.               |
| 1905 Apr. 4.      |  | TYSON, JOHN .. ..                                | Town Hall, Leicester.  |
| 1890 May 6.       |  | TYZACK, DAVID .. ..                              | Bellingham, Northumberland.                                  |
|                   |  |  |  |
| 1877 Feb. 6.      |  | UHAGON, RECAREDO DE .. ..                        | Plaza Eliptica, Bilbao. [S.E.                                |
| 1895 Dec. 3.      |  | *UMNEY, HERBERT WILLIAMS..                       | 19 Sylvan Road, Upper Norwood,                               |
| 1893 Dec. 5.      |  | { *UNDERWOOD, WILLIAM ELPHINSTONE .. ..          | Asst. Res. Eng., C.S.A. Rys., Bloemfontein, O.R.C.           |
| 1904 Apr. 12.     |  | { *UNNA, PERCY JOHN HENRY, B.A. (Cantab.) .. ..  | New Dock Works, Grangemouth, N.B.                            |
| 1870 Dec. 6.      |  | UNWIN, HERBERT .. ..                             | Arle Court, nr. Cheltenham, Glos.                            |
| 1905 Jan. 10.     |  | *UNWIN, HOWARD BUCKLEY ..                        | Ry. Extension, Lagos, W. Africa.                             |
| 1902 Dec. 2.      |  | UNWIN, WILFRID PEYTO ..                          | Town House, Haslemere.                                       |
| 1893 Dec. 5.      |  | UPTON, PRESCOTT .. ..                            | Box 1026, Johannesburg, Transvaal.                           |
|                   |  |  |  |
| 1884 Dec. 2.      |  | *VACHELL, THEODORE .. ..                         | 34 Bridge Street, Newport, Mon.                              |
| 1879 Mar. 4.      |  | *VACHER, HERBERT PERKINS ..                      | Vulcan Ironworks, Winchester.                                |
| 1897 Dec. 7.      |  | *VALON, WALTER ARTHUR ..                         | 140 Temple Chambers, E.C.                                    |
| 1875 May 4.       |  | { VALON, WILLIAM ANDREW McINTOSH .. ..           | 140 Temple Chambers, E.C.                                    |
| 1905 Dec. 5.      |  | VAREY, JAMES ARTHUR .. ..                        | { Westhill House, Allerton Hill, Chapel Allerton, Leeds. [N. |
| ✠ 1858 Dec. 7.    |  | VARLEY, SAMUEL ALFRED ..                         | Arrow Works, Jackson Rd., Holloway,                          |
| 1892 Dec. 6.      |  | VASSALLO, ANDREA .. ..                           | 163 Strada Forni, Valetta, Malta.                            |
| 1902 Jan. 14.     |  | { *VAUGHAN, CEDRIC GEORGE, M.A. (Cantab.) .. ..  | Hodbarrow Mines, Millom, Cumberland.                         |
| 1902 Feb. 4.      |  | { *VAWDREY, ROBERT WILLIAM, B.A. (Cantab.) .. .. | Waterworks, Kidderminster.                                   |
| 1874 Dec. 1.      |  | VEEVERS, HARRISON .. ..                          | The Lakes, Dukinfield.                                       |
| 1906 Jan. 9.      |  | *VENABLES, ARTHUR VINCENT                        | { Gya-Katras Railway, Buniadgunj P.O., Gya, Bengal.          |
| 1894 May 1.       |  | VENN, ERNEST GALE .. ..                          | { Mrs. Davy, 20 Raleigh Road, Exeter.                        |
| 1899 Jan. 10.     |  | { *VENTERS, WILLIAM BEATTIE, B.Sc. (Glas.) .. .. | 15 Allan Park, Stirling.                                     |
| 1878 Apr. 2.      |  | *VENTRIS, ARTHUR .. ..                           | 160 Buckingham Palace Road, S.W.                             |
| 1888 May 1.       |  | { *VERDON, ARTHUR LAWRENCE RIDLEY .. ..          | Belgrave Mansions, Grosvenor Gardens, S.W.                   |
| 1893 Feb. 7.      |  | { *VEREKER, FREDERICK JAMES WELLINGTON .. ..     | 89 Upper Leeson Street, Dublin.                              |
| 1905 Dec. 5.      |  | VERLEY, JAMES CECIL LIONEL                       | { Sewage Engineer's Office, Municipal Buildings, Leeds.      |

Date of  
Election.

## ASSOCIATE MEMBERS.

|                  |   |   |
|------------------|---|---|
| 1895 Mar. 5.     | *VERNET, CHARLES CONSTANT   | Western Railway, Havana, Cuba.  |
| 1889 Jan. 8.     | VERSCHOYLE, BERESFORD ..  | Railway Administration, Cairo.  |
| 1902 Dec. 2.     | VERSCHOYLE, ROBERT HENRY  | Tarrago, Ballisodare, co. Sligo.  |
| 1891 Mar. 3.     | *VESIAN, JOHN STUART ELLIS DE                                       | L. G. Mouchel, 38 Victoria St., S.W.  |
| 1891 Dec. 1.     | VIBART, GEORGE .. .. .  | { South Mahratta Ry., Bangalore, India.   |
| 1896 Feb. 4.     | *VICKERS, JAMES WARRY ..  | Finsbury Square Buildings, E.C.   |
| 1893 Dec. 5.     | *VIGERS, ARTHUR EVAN .. ..  | { 25 Victoria St., S.W. (Westminster, 423.)                                       |
| 1896 Dec. 1.     | VILLIERS, BERTRAM MONTAGU   | Cotlands, St. Albans, Herts.  |
| 1897 Mar. 2.     | *VINCENT, SAMUEL JOSEPH LEE   | Boro' Surveyor, Newbury.  |
| 1877 Dec. 4.     | *VINT, GEORGE EDWARD .. ..  | Commercial Buildings, Bradford.   |
| 1886 Jan. 12.    | { *VINTER, WALTER FREDERICK, }<br>B.A. ( <i>Cantab.</i> ) .. .. .   | Lindisfarne, Walton-on-Thames.  |
| 1894 Jan. 9.     | { VIQUEIRA, JOSÉ LOPEZ-CORTON, }<br>B.A. ( <i>Madrid</i> ) .. .. .  | Plaza de Orense, La Coruña, Spain.  |
| 1880 Apr. 6.     | VIVIAN, WALTER MORRISON ..  | Vellore, North Arcot, Madras.   |
| 1887 Jan. 11.    | *VOGAN, HAROLD SEBASTIAN ..   | { Divisional Eng., Govt. Rys., New- castle, N.S.W.                                |
| ✠ 1902 Jan. 14.  | { VOLLMER, GEORGE FREDERICK, }<br>M.Sc. ( <i>Victoria</i> ) .. .. . |   |
| 1882 Dec. 5.     | *VOYSEY, HENRY WESLEY ..  | { 53 Westbere Road, West Hamp- stead, N.W.  |
|                  |   |   |
| ✠ 1887 Dec. 6.   | *WACKRILL, ALFRED EDWARD  | 3 The Oaks, Pattison Road, N.W.   |
| 1888 Feb. 7.     | *WADDELL, GEORGE .. .. .  | P.W.D., Colombo, Ceylon.  |
| 1883 Dec. 4.     | *WADDINGTON, RICHARD .. ..  | { 35 King William Street, E.C. (Bank 518.)  |
| 1893 May 2.      | { *WADE, EDWARD HYDE ROBERT }<br>WYBRANTS .. .. .                   | Railway Avenue, Colombo, Ceylon.  |
| 1894 May 1.      | *WADE, HENRY JAMES SEATON   | H.M. Dockyard, Gibraltar.   |
| 1894 Dec. 4.     | *WADE, JAMES SCARGILL .. ..   | Railway Dept., Sydney, N.S.W.   |
| 1900 Mar. 6.     | WADE, ROWLAND, B.A.I. ( <i>Dubl.</i> )                              | Downshire Road, Newry, co. Down.  |
| 1896 Mar. 3.     | WADE, WILLIAM REGINALD ..   | The Mount, Henbury, Macclesfield.   |
| 1898 Dec. 6.     | WADLEY, ALFRED JOHN .. ..   | Western Jumna Canal, Karnat,  |
| 1898 Mar. 1.     | WAGSTAFF, EDWARD WYNTER   | Railway, Rangoon, Burma. [Punjab.   |
| 1894 Mar. 6.     | WAGSTAFF, WILLIAM HENRY   | 57 Salter Gate, Chesterfield.   |
| 1898 Dec. 6.     | WAINWRIGHT, JOHN WILLIAM  | { Parliament Mansions, Victoria Street, S.W. (Retocar, London. Westminster 5323.) |
| 1882 May 23.     | *WAKEFIELD, HENRY TYNDALL   | County Council, Spring Gardens, Town Hall, Bilston. [S.W.                         |
| 1894 Feb. 6.     | WAKEFORD, JOHN PERCY ..   |   |
| 1888 Apr. 10.    | WALDRON, FRANK WILLIAM ..   | P.W.D., Cape Town, C.C.   |
| 1905 Dec. 5.     | *WALES, CHARLES WALTER ..   | Dock Works, Avonmouth.  |
| 1905 Jan. 10.    | *WALES, WILLIAM ARTHUR ..   | { Electricity Works, Ashton-under- Lyne.  |
| m ✠ 1896 May 19. | *WALES, WILLIAM GARNEYS ..  | { Priestfield, Mowbray Road, Upper Norwood, S.E.                                  |
| 1897 Apr. 6.     | WALKER, ALBERT HARRY ..   | Boro' Surveyor, Loughborough.   |
| 1888 Dec. 4.     | WALKER, ALEXANDER .. ..   | Aruco Co., Coronel, Chili.  |
| 1906 Apr. 3.     | WALKER, ALFRED JAMES ..   | { Municipal Technical Institute, West Ham, E.                                     |
| 1904 Jan. 12.    | { *WALKER, ARCHIBALD CRAIG, }<br>B.Sc. ( <i>Glas.</i> ) .. .. .     | Eng.-in-Chief's Office, Shanghai- Nanking Ry., Shanghai.                          |
| 1904 Apr. 12.    | WALKER, CHARLES CLEMENT   | { Lilleshall, Bishopswood Road, Highgate, N.                                      |
| 1903 Jan. 13.    | { WALKER, CYRIL TURNER, }<br>B.Sc. ( <i>Edin.</i> ) .. .. .         | Nizam's Ry., Secunderabad, Deccan.  |



| Date of Election. | ASSOCIATE MEMBERS.                                     |   |
|-------------------|--|---|
| 1904 Apr. 12.     | WALKER, GEORGE DUTTON ..                               | { Albion Chambers, King Street, Nottingham.                     |
| 1884 Dec. 2.      | WALKER, HERBERT .. .. .                                | { Albion Chambers, King Street, Nottingham.                     |
| 1901 Apr. 2.      | { WALKER, HORATIO EDGAR<br>DAWSON .. .. .              | { Engineer's Office, G.N.R., 74 Wellington Street, Leeds.       |
| 1900 Dec. 4.      | *WALKER, JOAH HAIGH .. ..                              | { 18 Blenheim Street, Newcastle-on-Tyne.                        |
| 1892 Apr. 5.      | WALKER, JOSEPH ROBERT ..                               | Caixa 711, Rio de Janeiro.                                      |
| 1905 Apr. 4.      | WALKER, LEWIE DEWAR .. ..                              | 17 Royal Terrace, Glasgow.                                      |
| 1891 Dec. 1.      | *WALKER, MURRAY .. .. .                                | Box 97, Cape Town, C.C.   |
| 1904 Apr. 12.     | WALKER, NORMAN DE COURCY                               | { Canadian Pacific Ry., Farnham, P.Q., Canada.                  |
| 1879 Dec. 2.      | WALKER, ROBERT .. .. .                                 | 17 South Mall, Cork.  |
| 1891 Dec. 1.      | { *WALKER, ROBERT, Jun.,<br>B.E. (Royal) .. .. .       | { 17 South Mall, Cork.  |
| 1900 Dec. 4.      | *WALKER, ROBERT WILLIAMSON                             | 3 Golden Square, Aberdeen.                                      |
| 1904 Dec. 6.      | WALKER, SAMUEL, B.E. (Royal)                           | Rupar, Umballa, Punjab.   |
| 1885 Dec. 1.      | WALKER, SYDNEY FERRIS ..                               | Bloomfield Crescent, Bath.                                      |
| 1889 Dec. 3.      | WALKER, WILLIAM .. .. .                                | { Lansdowne Crescent, Hobart, Tasmania.                         |
| 1896 Feb. 4.      | WALKER, WILLIAM DOUGLAS ..                             |   |
| ✣ 1895 May 21.    | WALKER, WILLIAM GEORGE ..                              | { Emery Hill Street, Westminster, S.W. (Versuchen. London.)     |
| 1900 Jan. 9.      | { *WALKER, WILLIAM MONT-<br>GOMERY, B.E. (Royal) .. .. | { Kileadden, Killygordon, co. Donegal.                          |
| 1875 Dec. 7.      | *WALKER, ZACCHEUS .. ..                                | Fox Hollies Hall, nr. Birmingham.                               |
| 1880 Dec. 7.      | *WALLACE, JOHN HENRY .. ..                             | Cliffdale, Highlands Station, Natal.                            |
| 1882 May 23.      | *WALLACE, LAWRENCE AUBREY                              | c.o. H. S. King & Co., Pall Mall, S.W.                          |
| 1904 Dec. 6.      | { WALLACE, ROBERT CATHER-<br>WOOD .. .. .              | { C.S.A. Rys., Eng.'s Office, Pretoria.                         |
| 1895 Dec. 3.      | WALLACE, WILLIAM CARLILE                               | { Sirveco Engineering Co., 22 Thames Street, New York, U.S.     |
| 1904 Jan. 12.     | { WALLACE, WILLIAM MAC-<br>GREGOR .. .. .              | { De Beers Science School, Kimberley, Cape Colony.              |
| 1893 Mar. 7.      | *WALLER, ARTHUR HERBERT ..                             | { Boro' Engineer's Office, Durban, Natal.                       |
| 1895 May 21.      | *WALLER, BERTRAM BRAUND ..                             | Doverow, Stonehouse. Glos.                                      |
| 1896 Dec. 1.      | WALLER, RICHARD FITZARTIUR                             | Magnet Mine, Waratah, Tasmania.                                 |
| 1894 Dec. 4.      | *WALLICH, EDWARD HENRY ..                              | { Seremban, Negri Sembilan, Malay States.                       |
| 1884 May 27.      | WALLINGTON, JAMES .. ..                                | { Crashley & Co., Rua do Ouvidor 36, Rio de Janeiro.            |
| 1889 May 21.      | WALLIS-JONES, REGINALD JOHN                            | 50 Queen Anne's Gate, S.W.                                      |
| 1879 Feb. 4.      | WALLNUTT, RICHARD .. ..                                | { 9 Norfolk Street, Moome Ponds, Melbourne, Victoria.           |
| 1883 Feb. 6.      | { *WALROND, THEODORE CHARLES<br>TROUBRIDGE .. .. .     | { 47 Victoria Street, S.W. (Logistics, London. Westminster 12.) |
| m 1904 Jan. 12.   | *WALSH, ARTHUR CLIFFE ..                               | { S. Peasron & Son, New Dock Works, Malta.                      |
| 1885 Feb. 3.      | *WALSH, CHARLES ARROWSMITH                             | King, Hamilton & Co., Calcutta.                                 |
| 1898 Apr. 5.      | WALSH, CHARLES PEREGRINE ..                            | King, Hamilton & Co., Calcutta.                                 |
| 1894 Dec. 4.      | WALSH, THOMAS LISTER .. ..                             | Cristobal, Kent Road, Harrogate.                                |
| 1886 Mar. 2.      | *WALTERS, HARRY ERNEST ..                              | 2 Great George Street, S.W.                                     |
| 1904 Dec. 6.      | *WALTON, HORACE REGINALD ..                            | P.W.D., Chittagong, Bengal.                                     |
| 1905 Apr. 4.      | WARBRICK, PERCY .. .. .                                | c.o. Sir John Jackson, Ltd., 53 Victoria                        |
| 1903 Apr. 7.      | { WARBURTON-STENT, HAROLD<br>BARCLAY .. .. .           | { Norfolk House, Hampton, [St., S.W.                            |
| 1902 Dec. 2.      | *WARD, ARTHUR WALBURGH ..                              | Guildhall, Northampton.   |
| 1892 Dec. 6.      | WARD, ARTHUR W... .. .                                 | Shandon, Merton Road, Southsea.                                 |
| 1904 Dec. 6.      | *WARD, EBENEZER THOMAS ..                              | { Rissington, Crowstone Road, West-cliff-on-Sea.                |

Date of  
Election.

## ASSOCIATE MEMBERS.

|     |               |   |  |
|-----|---------------|---|--|
|     | 1889 May 7.   | *WARD, EDWARD THOMPSON ..                                 | Winnington Street, Northwich.  |
|     | 1891 Dec. 1.  | *WARD, FREDERICK DARWENT                                  | 38 High Street, Welshpool.   |
|     | 1902 Apr. 8.  | WARD, GODFREY .. .. .                                     | City Surveyor's Office, Birmingham.  |
|     | 1891 Dec. 1.  | WARD, JAMES CARPENTER ..                                  | Milford Docks, Milford Haven.  |
|     | 1892 May 24.  | WARD, THOMAS .. .. .                                      | { John Watson, Ellangowan, Cater<br>ham Valley.  |
|     | 1888 Dec. 4.  | WARD, THOMAS HENRY .. ..                                  | E.I. Ry., Giridih, India.  |
|     | 1885 Dec. 1.  | *WARD, THOMAS RAWDON ..                                   | Suva, Fiji Islands.  |
|     | 1891 Dec. 1.  | { *WARD, THOMAS WILLIAM<br>CHAPMAN, B.A., B.E. (Sydney) } | { Metropolitan Board of Water Supply<br>and Sewerage, 341 Pitt Street,<br>Sydney, N.S.W. |
|     | 1884 Mar. 4.  | *WARD, WILLIAM PETTIT .. ..                               | Hayes Lane, Bromley Common, Kent.  |
|     | 1887 Dec. 6.  | *WARDE, CHARLES PARRY ..                                  | P.W.D., Saidpore, Bengal.  |
|     | 1877 Dec. 4.  | *WARDLE, JAMES WILLIAM ..                                 | Borough Engineer, Longton.   |
|     | 1887 Dec. 6.  | WARE, GEORGE WEBB .. ..                                   | Dumri P.O., via Giridih, Bengal.   |
|     | 1895 Dec. 3.  | WARE, STANLEY DAWSON ..                                   | { Gopalapuram, Kovar, Kristna Dis-<br>trict, India.                                      |
| ✠   | 1898 Dec. 6.  | WARK, WILLIAM .. .. .                                     | 9 Macquarie Place, Sydney, N.S.W.  |
|     | 1888 Dec. 4.  | WARNER, WILLIAM .. .. .                                   | Westwood Clumber Rd., Nottingham.  |
|     | 1897 Feb. 2.  | *WARREN, HAROLD .. .. .                                   | 13 Harvey Road, Cambridge.   |
|     | 1897 Feb. 2.  | { *WARREN, HENRY BONIFANT<br>GORDON .. .. . }             | Old Castle Buildings, Liverpool.   |
|     | 1886 May 4.   | *WARREN, JOHN ALEXANDER ..                                | 94 Hope Street, Glasgow.   |
|     | 1885 May 19.  | WARREN, WILLIAM .. .. .                                   | Huinae, via Huaraz, Casilla 12, Peru.  |
|     | 1842 May 3.   | WARRINER, HENRY .. .. .                                   | 6 The Grove, Clapham Road, S.W.  |
|     | 1887 Dec. 6.  | *WASEY, GEORGE KINDERSLEY                                 | Wolfhall, Marlborough, Wilts.  |
|     | 1888 Jan. 10. | WATANABE, KAICHI, B.Sc. (Glas.)                           | { 13 Omote-Sanchome, Akasaka,<br>Tokio, Japan.   |
|     | 1899 Apr. 11. | { WATERHOUSE, LAURENCE<br>MAXWELL .. .. . }               | { Bindown, Lower Teddington Road,<br>Hampton Wick.                                       |
|     | 1904 Dec. 6.  | { *WATERMEYER, THEODORE<br>HEINRICH .. .. . }             | { c.o. Res. Eng., Avontuur Ry., Port<br>Elizabeth, C.C. [Bucks.                          |
|     | 1904 Feb. 2.  | *WATERS, WILLIAM .. .. .                                  | Ley Hill Common, near Chesham,   |
|     | 1895 Feb. 5.  | { WATHEN, HENRY ARTHUR<br>DOUGLAS .. .. . }               | { Waterton, Auchmill, Aberdeenshire.   |
|     | 1885 Apr. 14. | WATKEYS, GEORGE .. .. .                                   | Goring Road, Llanelli.   |
|     | 1897 Mar. 2.  | WATKINS, ARTHUR ANDERSON                                  | Electricity Works, Sheerness.  |
|     | 1875 Dec. 7.  | WATKINS, STEPHEN .. .. .                                  | Prince's Chambers, Wolverhampton.  |
|     | 1895 Feb. 5.  | WATKINS, STEPHEN .. .. .                                  | Ottoman Railway, Smyrna.   |
|     | 1891 Dec. 1.  | *WATKINS, WILFRID JOHN ARIS                               | { 106 Chichele Road, Cricklewood,<br>N.W.  |
|     | 1901 Apr. 2.  | { *WATNEY, GERARD NORMAN,<br>M.A. (Cantab.) .. .. . }     | { Valence, Westerham, Kent.  |
| m ✠ | 1899 Mar. 7.  | *WATSON, ARTHUR .. .. .                                   | Eng's Office, L.&Y. Ry., Manchester.   |
|     | 1906 Apr. 3.  | WATSON, CECIL .. .. .                                     | 8 Great George Street, S.W.  |
|     | 1898 Apr. 5.  | WATSON, CHARLES .. .. .                                   | Central Station, Newcastle-on-Tyne.  |
|     | 1891 Feb. 3.  | WATSON, CLAUD ROBERT ..                                   | { Carment, Wedderburn & Watson,<br>2 Glenfinlas Street, Edinburgh.                       |
|     | 1896 Dec. 1.  | *WATSON, FRANK LESLIE ..                                  | { 2 Balmoral Terrace, Shaw Lane,<br>Leeds.   |
|     | 1893 Dec. 5.  | WATSON, FREDERICK MACKMAN                                 | { The Bungalow, Clifton Lane,<br>Rotherham.  |
|     | 1905 Dec. 5.  | *WATSON, HAROLD GEORGE ..                                 | Council Offices, Hull.   |
|     | 1905 Dec. 5.  | { WATSON, HENRY SINCLAIR,<br>B.A. (Cantab.) .. .. . }     | { Parliament Mansions, Victoria<br>Street, S.W.  |
|     | 1906 Jan. 9.  | *WATSON, HUGH SEXTUS ..                                   | 10 Garway Road, Bayswater, W.  |
|     | 1895 Mar. 1.  | WATSON, JAMES FALSHAW ..                                  | 15 Shaw Lane, Huddingley, Leeds.   |
|     | 1902 Dec. 2.  | { *WATSON, JOHN FRANCIS,<br>B.E. (Royal) .. .. . }        | { Improvement Trust, Bombay.   |
|     | 1896 Dec. 1.  | WATSON, JOHN LOVEGOOD ..                                  | Townley House, Woodbridge, Suffolk.  |
|     | 1899 Dec. 5.  | *WATSON, JOHN WILLIAM ..                                  | { c.o. Leopoldina Ry. Co., Caixa 291,<br>Rio de Janeiro.                                 |

|     | Date of Election. | ASSOCIATE MEMBERS.                                       |   |
|-----|-------------------|--|---|
|     | 1899 Apr. 11.     | *WATSON, LEONARD KINGSLEY                                | 41 Oakfield Road, Croydon.  |
|     | 1895 Apr. 2.      | WATSON, THOMAS .. .. .                                   | { Resident Engineer, Coolgardie, Western Australia.                   |
|     | 1901 Apr. 2.      | *WATSON, THOMAS AUBREY ..                                | Bosigran, Whytecliffe Road, Purley.                                   |
|     | 1903 Jan. 13.     | *WATT, JAMES .. .. .                                     | 3 Golden Square, Aberdeen.  |
| m + | 1897 Apr. 6.      | WATT, THOMAS HARKNESS ..                                 | 53 Bothwell Street, Glasgow.  |
|     | 1878 Feb. 5.      | *WATTS, GEORGE KEMPTHORNE                                | Nagpur, C.P., India.  |
|     | 1905 Dec. 5.      | WATTS, JAMES ARTHUR ..                                   | { 8 Wentworth Terrace, Westoe, South Shields.                         |
| m   | 1877 May 29.      | *WATTS, NICHOLAS .. .. .                                 | Bank Buildings, Bristol.  |
|     | 1902 Apr. 8.      | WATTS, WILLIAM .. .. .                                   | Underbank Hall, Deepcar, Penistone.                                   |
|     | 1896 Dec. 1.      | *WAY, ARTHUR GEORGE .. ..                                | { Westminster Engineering Co., Victoria Rd., Willesden Junction, N.W. |
|     | 1901 Mar. 5.      | WAY, EDWARD JOHN .. .. .                                 | { New Kleinfontein Co., P.O., Benoni, Transvaal.                      |
|     | 1905 Apr. 4.      | WAY, EHRET .. .. .                                       | { Nagda-Muttra Ry., Sewai Madhopur, c.o. Postmaster, Jaipur, India.   |
|     | 1893 Apr. 11.     | { *WAYNFORTH, <i>Professor</i> HARRY MORTON .. .. .      | King's College, Strand, W.C.  |
|     | 1888 Dec. 4.      | WEARING, WILLIAM .. .. .                                 | 9 Ribblesdale Place, Preston.   |
|     | 1891 Apr. 7.      | WEAVER, EDWARD .. .. .                                   | Saltfleet St. Peter's, Louth, Lincs.                                  |
|     | 1882 Dec. 5.      | WEAVER, HENRY EDWARD ..                                  | { Caixa do Correio 54, Manaus, Amazonas, Brazil.                      |
|     | 1904 Dec. 6.      | { WEBB, CHARLES HENRY, M.Sc. ( <i>Victoria</i> ) .. .. . | Gas Works, Stourbridge.   |
|     | 1886 Dec. 7.      | WEBB, RICHARD GEORGE ..                                  | { Richardson & Cruddas, Byculla, Bombay.                              |
|     | 1887 May 3.       | *WEBSTER, CHARLES .. .. .                                | 32 Ellesmere Road, Chiswick, W.                                       |
|     | 1890 Apr. 1.      | *WEBSTER, GEORGE JOHNSTON                                | Carterton, Wairarapa, N.Z.  |
|     | 1890 Dec. 2.      | WEBSTER, JAMES PHILIP ..                                 | { Cleansing Department, Town Hall, Sydney, N.S.W.                     |
|     | 1875 Apr. 6.      | WEBSTER, JOHN .. .. .                                    | Exning, Newmarket.  |
|     | 1903 Apr. 7.      | *WEDGWOOD, ARTHUR FELIX ..                               | Barlaston Lea, Stoke-on-Trent.  |
|     | 1899 Dec. 5.      | *WEEKES, MICHAEL GEORGE ..                               | Shire Owlers, Derwent, <i>via</i> Sheffield.                          |
|     | 1893 Feb. 7.      | *WEEKES, ROBERT WILLISHER ..                             | { Maxwell House, Arundel Street, Straud, W.C.                         |
|     | 1904 Feb. 2.      | { *WEEKLEY, CHARLES, B.A. ( <i>Cantab.</i> ) .. .. .     | 7 Hope Park, Bromley, Kent.   |
|     | 1902 Dec. 2.      | WEIGHTMAN, THOMAS JACKSON                                | { Engineer's Office, G.N. Ry., King's Cross, N.                       |
|     | 1885 May 19.      | { WEINSCHENCK, GUILHERME BENJAMIN .. .. .                | Caixa 27, Santos, Brazil.   |
|     | 1903 Apr. 7.      | WEIR, JAMES SCOTT .. .. .                                | Borough Engineer's Office, Halifax.                                   |
|     | 1894 Dec. 4.      | *WEIR, WILLIAM PARK .. ..                                | { 13 Rowallan Gardens, Partick, Glasgow.                              |
|     | 1892 Mar. 1.      | { *WEISS, CHARLES THEODORE HERMANN .. .. .               | Oakamoor, Stoke-on-Trent.   |
|     | 1878 May 7.       | *WEISS, HUBERT AUGUST OTTO                               | { 67a Schlossstrasse, Charlottenburg, Berlin.                         |
|     | 1905 Dec. 5.      | WELBY, ADLARD EDWARD ..                                  | { Moghal Serai Railway, East India Railway, India.                    |
|     | 1880 May 4.       | WELCH, ERNEST FREDERICK ..                               | Chargrove Lawn, Cheltenham.   |
|     | 1886 Jan. 12.     | WELCH, JAMES WILLIAM ..                                  | 27 Victoria Buildings, Manchester.                                    |
|     | 1905 Dec. 5.      | *WELCH, RICHARD HUBBARD ..                               | c.o. Royal Survey Dept., Siam.  |
|     | 1890 Dec. 2.      | *WELDON, HERBERT NICOL ..                                | { Norwood Union Chambers, Chamberlain Square, Birmingham.             |
|     | 1885 Feb. 3.      | WELLER, HARRY WRAY .. ..                                 | { New York Life Building, Place d'Armes, Montreal, Canada.            |
|     | 1904 Jan. 12.     | WELLS, FREDERICK BEAUCHAMP                               | { Oficina Via y Obras, Ferro Carril del Sud, Buenos Aires.            |
|     | 1895 Dec. 3.      | WELLS, GEORGE JAMES .. ..                                | { Rose Mount, Pleasington, near Blackburn.                            |



| Date of Election. |               | ASSOCIATE MEMBERS.   |   |
|-------------------|---------------|--|---|
| m                 | 1903 Mar. 3.  | { *WELLS, LIONEL FORTESCUE, }<br>B.Sc. ( <i>Victoria</i> ) .. .. . | 75 Haworth's Buildings, 5 Cross St. Manchester.         |
| m ✕               | 1891 Dec. 1.  | *WELLS, SIDNEY HERBERT .. ..                                       | Polytechnic Institute, Battersea, S.W.                  |
| ✕                 | 1892 Mar. 1.  | WELSH, ALEXANDER .. ..   | 7 Morningside Place, Edinburgh.                         |
|                   | 1883 Apr. 3.  | WELTON, WILLIAM SHAKESPEARE  | Elm Road, Wembley, Middlesex.                           |
|                   | 1895 Feb. 5.  | *WELTON, WILLIAM SMART .. ..                                       | 73 The Chase, Clapham Common, S.W.                      |
|                   | 1881 May 3.   | WESTERN, MAXIMILIAN RICHD. {                                       | 73 Iverna Court, High Street, Kensington, W.            |
|                   | 1903 Feb. 3.  | { *WESTON, CHARLES FRANCIS }<br>RUSSELL NUGENT .. .. .             | 32 Beaufort Road, Edgbaston, Birmingham.                |
|                   | 1887 May 24.  | WESTON, HARRY JACOB .. ..  | 24 Portland Street, Southampton.                        |
|                   | 1886 Dec. 7.  | *WHATELY, RICHARD .. ..  | Bombay, Baroda & C. I. Ry., India.                      |
|                   | 1899 Jan. 10. | WHEAT, FREDERICK SYKES .. ..                                       | { Spring House, Winteringham, near Doncaster.           |
|                   | 1894 Apr. 3.  | *WHEATLEY, HENRY LAWRENCE  | Caixa 711, Rio de Janeiro.                              |
|                   | 1899 Dec. 5.  | WHEELER, EDWIN .. ..   | G. N. Ry., Peterborough.                                |
|                   | 1883 Feb. 6.  | { WHEELER, GEORGE ROBERT }<br>WELBY .. .. .                        | { 15 Dalebury Road, Upper Tooting S.W.                  |
|                   | 1893 Dec. 5.  | *WHETHAM, STEPHEN LLOYD .. ..                                      | c.o. Austen Whetham, Bridport.                          |
| m ✕               | 1905 Jan. 10. | *WHIGHAM, GEORGE HAY .. ..   | { Warden Estates Co., Warden, Lower Egypt.              |
|                   | 1885 May 19.  | { WHINFIELD, JOHN HENRY }<br>RICHARD .. .. .                       | Brambletye, Cavendish Road, Sutton, Surrey.             |
|                   | 1904 Dec. 6.  | WHITAKER, GEORGE HARTLEY   | Town Hall, Sunderland.                                  |
|                   | 1893 Dec. 5.  | WHITAKER, GEORGE REGINALD {  | Govt. Rys., East London, Cape Colony.                   |
|                   | 1891 Dec. 1.  | *WHITAKER, JAMES .. ..   | H. Simon, 20 Mount St., Manchester                      |
|                   | 1904 Jan. 12. | { *WHITAKER, JOHN STANLEY, }<br>B.Sc. ( <i>Victoria</i> ) .. .. .  | North-Eastern Railway Dock Office, Hull.                |
|                   | 1892 Apr. 5.  | *WHITE, CHARLES STANLEY .. ..                                      | { 8 Guilford Place, Russell Square, W.C.                |
|                   | 1878 Feb. 5.  | *WHITE, EDWIN JAMES .. ..  | { Lambeth Brass & Iron Co., Short Street, Lambeth, S.E. |
| m ✕               | 1887 Mar. 1.  | WHITE, GEORGE .. ..  | The Farm, Mexborough.                                   |
|                   | 1894 Dec. 4.  | *WHITE, HENRY THOMAS .. ..   | Handyside & Co., Derby.                                 |
|                   | 1900 Apr. 3.  | WHITE, JOHN HENRY .. ..  | King, King & Co., Bombay.                               |
|                   | 1893 Dec. 5.  | WHITE, ROBERT HENRY .. ..  | { The Elms, Field Lane, Litherland, Liverpool.          |
|                   | 1894 Feb. 6.  | WHITE, SYDNEY HERBERT .. ..  | A. T. Walmisley, 9 Victoria St., S.W.                   |
|                   | 1887 Mar. 1.  | { WHITE, THOMAS CHARLES }<br>HUTCHINSON .. .. .                    | 28 Cromwell Grove, Hammersmith, W.                      |
|                   | 1905 Dec. 5.  | *WHITE, WALTER .. ..   | 49 North Place, Guildford.                              |
|                   | 1896 Mar. 3.  | { WHITE, WILLIAM DONALD }<br>WILSON .. .. .                        | 7 Grosvenor Terrace, Ayr, N.B.                          |
|                   | 1901 Dec. 3.  | WHITE, WILLIAM HENRY JOHN  | Municipal Offices, Cheltenham.                          |
|                   | 1897 Dec. 7.  | *WHITE, WILLIAM HERBERT .. ..                                      | 45 High Street, Salisbury.                              |
|                   | 1899 Apr. 11. | *WHITEFORD, ERIC HAMILTON {  | Derwent Valley Water Board, Bamford, Sheffield.         |
|                   | 1902 Mar. 4.  | { WHITELAW, ANDREW HEPBURN, }<br>B.Sc. ( <i>Glas.</i> ) .. .. .    | 45 John Street, Glasgow.                                |
|                   | 1893 Dec. 5.  | *WHITELAW, JOHN .. ..  | Tintonia, Symington, Biggar, N.B.                       |
|                   | 1893 Dec. 5.  | WHITELAW, EDWARD TURNER  | 70 Deansgate, Manchester.                               |
|                   | 1893 May 2.   | WHITHARD, BROOKE MIDDLEMORE {                                      | Sewell & Crowther, 18 Cockspur Street, S.W.             |
|                   | 1904 Apr. 12. | *WHITTLE, FREDERIC EDWIN {   | Works Dept., H.M. Dockyard, Gibraltar.                  |
|                   | 1880 Mar. 2.  | *WHITMORE, LAWRENCE HERSEE   | Box 163, Bulawayo, Rhodesia.                            |
|                   | 1906 Jan. 9.  | *WHITTINGTON-COOPER, ALFRED {                                      | 18 Henderson Road, Wandsworth Common, S.W.              |
|                   | 1906 Apr. 3.  | *WHITTON, PETER ISLES .. ..  | Bellahouston House, Glasgow.                            |
|                   | 1900 Dec. 4.  | WHITTOW, THOMAS .. ..  | { Mowlem & Co., Grosvenor Wharf, Westminster, S.W.      |

| Date of Election. | ASSOCIATE MEMBERS.   |  |
|-------------------|--|--|
| 1896 Jan. 14.     | WHITWORTH, WALTER STANLEY  | { Koffyfontein Mines, Orange River Colony.                     |
| 1892 Dec. 6.      | WHYATT, HENRY GILBERT ..   | { Borough Engineer, Great Grimsby.                             |
| 1896 May 5.       | WHYTE, JAMES .. .. .   | { Ballyward, Castlewella co. Down.                             |
| 1895 Dec. 3.      | WICKHAM, FRANCIS EDMUND ..   | { Ry. Construction Branch, P.W.D., Sydney, N.S.W.              |
| 1898 Mar. 1.      | *WICKHAM, WILLIAM HENRY ..   | { Hong Kong Electric Co., Hong Kong.                           |
| 1904 Dec. 6.      | WICKS, GERALD HAMILTON ..  | { 6A Caixa de los Aztecas 5, Puebla, Mexico.                   |
| 1893 Jan. 10.     | WIGG, WILLIS .. .. .   | { 1 Evesham Road, Norborough Road, Leicester.                  |
| 1893 Mar. 7.      | WIGNALL, JOHN ROBERT ..  | { Blackwell & Co., 59 City Road, E.C.                          |
| 1906 Apr. 10.     | { WILBOND, ARTHUR GEORGE,<br>B.E. ( <i>Royal</i> ) .. .. }           | { Downshire Park, Carrickfergus, co. Antrim.                   |
| 1876 Mar. 7.      | WILD, JOSEPH HENRY .. ..   | { Box 247, Johannesburg, Transvaal.                            |
| 1894 Dec. 4.      | WILDER, FRANCIS LANGHAM ..   | { 6 Malvern Place, Cheltenham.                                 |
| 1906 Apr. 3.      | *WILKES, JOSEPH ERNEST ..  | { The Sycamores, Pelsall, Staffs.                              |
| 1904 Apr. 12.     | WILKINSON, FRANK .. ..   | { Peel House, Shawforth, Rochdale.                             |
| 1905 Apr. 4.      | WILKINSON, HARRY FELLOWES  | { Fulford House, The Crescent, South Tottenham, N.             |
| 1885 Feb. 3.      | *WILKINSON, HENRY WALL ..  | { 2 Queen Anne's Gate, Westminster, S.W.                       |
| 1890 Apr. 1.      | *WILKINSON, WILLIAM FISCHER  | { Consolidated Goldfields of South Africa, 8 Old Jewry, E.C.   |
| 1904 Jan. 12.     | { WILLANS, THOMAS BOWDEN,<br>M.Sc. ( <i>Victoria</i> ) .. .. }       | { G. C. Ry., Marylebone Station, N.W.                          |
| 1905 Apr. 4.      | WILLIAMS, ARTHUR CARADOC   | { Dee Conservancy Board, 6 Godstall Chambers, Chester.         |
| 1892 Dec. 6.      | WILLIAMS, ARTHUR EDWARD  | { Dagenham Dock, Romford.                                      |
| 1895 Dec. 3.      | { WILLIAMS, ARTHUR EDWARD,<br>B.A. ( <i>Cantab.</i> ) .. .. }        | { 74 Blenheim Gardens, Willesden Green, N.W.                   |
| 1895 Feb. 5.      | *WILLIAMS, ARTHUR JOHN ..  | { H.M. Naval Yard Extension, Hong Kong.                        |
| 1881 Apr. 5.      | *WILLIAMS, CLAUDE ST. MAUR   | { Belle Vue, Harrow-on-the-Hill.                               |
| 1902 Dec. 2.      | { WILLIAMS, CECIL WRENNE,<br>B.A. ( <i>Cantab.</i> ) .. .. }         | { Mersey Docks, Liverpool.                                     |
| 1889 May 7.       | WILLIAMS, ERNEST .. ..   | { 85 Exploration Buildings, Commissioner Street, Johannesburg. |
| 1892 May 24.      | { WILLIAMS, FRANK LIONEL<br>LEADER .. .. .                           | { Holme & King, Dale Street, Garston, Liverpool.               |
| ✠ 1897 Dec. 7.    | *WILLIAMS, GEORGE BRANSBY ..   | { 5 Kensington Mansions, Earl's Court, S.W.                    |
| 1905 Dec. 5.      | WILLIAMS, JOHN HARCOURT  | { High Bank, Croydon.  |
| 1881 Feb. 1.      | *WILLIAMS, JOHN HENRY ..   | { Accra, Ridgmont Road, St. Albans.                            |
| 1900 Feb. 6.      | *WILLIAMS, JOHN HUW .. ..  | { Singapore Railways, Singapore, S.S.                          |
| 1887 Dec. 6.      | WILLIAMS, ROBERT .. ..   | { 30 Clement's Lane, E.C. (Egophany, London. 1249.)            |
| 1904 Jan. 12.     | WILLIAMS, STEPHEN GEORGE   | { Municipal Offices, Singapore, S.S.                           |
| 1897 Feb. 2.      | { *WILLIAMS, STEPHEN MAYNARD<br>JENOUR .. .. .                       | { Madras Ry., Rayapuram, Madras.                               |
| 1893 Dec. 5.      | { WILLIAMS, WILLIAM HUM-<br>PHREYS .. .. .                           | { Engineer's Office, Maritime Chambers, Docks, Southampton.    |
| 1903 Mar. 3.      | { *WILLIAMS - ELLIS, RUPERT<br>GREAVES, B.A. ( <i>Cantab.</i> ) .. } | { Ferry Works, Thames Ditton, Surrey.                          |
| 1904 Mar. 1.      | { WILLIAMSON, ALEXANDER,<br>B.Sc. ( <i>Glas.</i> ) .. .. }           | { Craigbarnet, Greenock, N.B. [port.                           |
| 1896 Feb. 4.      | *WILLIAMSON, ALFRED ARTHUR   | { Works Dept., H.M. Dockyard, Devon-                           |
| 1892 Apr. 5.      | *WILLIAMSON, ANDREW .. ..  | { Cannanore, N. Malabar, India.                                |
| 1890 Jan. 14.     | *WILLIAMSON, ARTHUR .. ..  | { Eng.'s Office, Hull and Barnsley Ry.,                        |
| 1892 Mar. 1.      | WILLIAMSON, RICHARD .. ..  | { South Lodge, Cockermouth. [Hull.                             |
| 1886 May 18.      | *WILLINK, WILHEM .. ..   | { 35 Cophthall Avenue, E.C.                                    |

| Date of Election. | ASSOCIATE MEMBERS.  |    |  |
|-------------------|---|----|--|
| 1901 Apr. 2.      | WILLIS, EDWARD .. ..                                      | .. | { Council Offices, Dyne Road, Kilburn, N.W.                                |
| 1902 Apr. 8.      | *WILLIS, JOHN BURDETT .. ..                               | .. | 27 Pulteney Rd., South Woodford.   |
| 1878 May 28.      | *WILLIS, ROBERT HENRY .. ..                               | .. | 29 Grafton St., Fitzroy Square, W.   |
| 1894 Mar. 6.      | WILLIS-VOLLAIRE, GEORGE ..                                | .. | { London Sanitary Protection Association, 13 Charles St., St. James', S.W. |
| 1895 Dec. 3.      | { *WILLMOTT, HERBERT MORTON, F.C.H. .. .. ..              | .. | Exec. Eng., Provincial Division, Lucknow. U.P., India.                     |
| 1898 Dec. 6.      | { *WILLOUGHBY, PERCIVAL ROBERT AUGUSTUS .. ..             | .. | Council Offices, Pontypridd, Glamorgan.                                    |
| 1896 Mar. 3.      | { *WILLS, BERNARD RUSSELL, B.A. ( <i>Cantab.</i> ) .. ..  | .. | { Spherola Spring Wheel Co., Ltd., 57 Roebuck Road, Rochester.             |
| 1899 Feb. 7.      | WILSHERE, FRANK .. ..                                     | .. | 24 Queen Anne's Gate, S.W.   |
| 1898 Dec. 6.      | WILSON, ALAN .. ..  | .. | { Wilson and Neubronner, Penang, S.S.                                      |
| 1904 Jan. 12.     | *WILSON, ALBERT, B.Sc. ( <i>Lond.</i> )                   | .. | { Depto. Via y Obras, F.C. Sud, Buenos Aires.                              |
| 1897 Apr. 6.      | WILSON, ALEXANDER COWAN                                   | .. | { L. P. Nott, 17 Priory Street, Birkenhead.                                |
| 1869 Dec. 7.      | WILSON, ALEXANDER FAIRLIE                                 | .. | Burnbrae, Balfon, N.B.   |
| 1902 Dec. 2.      | WILSON, ANDREW .. ..                                      | .. | 14 Queen Street, Edinburgh.  |
| 1879 Feb. 4.      | *WILSON, ARTHUR HENRY ..                                  | .. | { Englebourne House, Harberton, near Totnes.                               |
| 1894 Dec. 4.      | WILSON, DANIEL ELLIS ..                                   | .. | { P.O. Box 1417, Calgary, Alberta, Canada.                                 |
| 1903 Feb. 3.      | WILSON, DAVID, B.E. ( <i>Royal</i> )                      | .. | { Engineer-in-Chief's Office, Govt. Rys., Maritzburg, Natal.               |
| 1904 Dec. 6.      | WILSON, DAVID HUTCHISON ..                                | .. | Kalka-Simla Ry., Dharmore, India.  |
| 1904 Jan. 12.     | WILSON, EDWARD ARTHUR ..                                  | .. | Half Acres, Bishop's Stortford.  |
| 1895 Mar. 5.      | *WILSON, ERNEST MOORE ..                                  | .. | { c.o. Eng.-in-Chief, C. G. Rys., Cape Town, C.C.                          |
| 1904 Apr. 12.     | WILSON, FREDERICK .. ..                                   | .. | 40 Leopold Rd., St. Andrews, Bristol.                                      |
| 1902 Apr. 8.      | WILSON, JOHN FAIRWEATHER                                  | .. | { Dockyard Extension, Simon's Town, Cape Colony.                           |
| 1904 Jan. 12.     | WILSON, JOHN FRANCE .. ..                                 | .. | { Gloucester Place, Ashton-under-Lyne.                                     |
| 1903 Feb. 3.      | *WILSON, JOHN SIGISMUND ..                                | .. | { 5 Regency House, Regency Street, S.W.                                    |
| 1898 Jan. 11.     | WILSON, JOSEPH BOWMAN ..                                  | .. | Court House, Cockermouth.  |
| 1888 Jan. 10.     | *WILSON, MAURICE .. ..                                    | .. | Engineering School, Crystal Palace.  |
| 1895 Dec. 3.      | *WILSON, NORMAN FORSTER ..                                | .. | 5 Bankfield, Kendal. [S.E.]  |
| 1893 Dec. 5.      | { *WILSON, NORMAN McLEOD RAMSAY .. .. ..                  | .. | Dearne Valley Ry., Barnbrough, Doncaster.                                  |
| 1905 Feb. 7.      | WILSON, REGINALD PAGE ..                                  | .. | 66 Victoria Street, S.W.   |
| 1898 Dec. 6.      | WILSON, ROBERT MACDONALD                                  | .. | E.B.S. Ry., Krishnagar, Nadia, Bengal.                                     |
| 1886 Dec. 7.      | WILSON, THOMAS BRIGHT ..                                  | .. | Epworth Lodge, Ashcroft, Cirencester.                                      |
| 1876 Apr. 4.      | WILSON, THOMAS PERCEVAL ..                                | .. | { Easton, Anderson & Goolden, Broad Sanctuary Chambers, S.W.               |
| 1896 May 5.       | WILSON, WILLIAM .. ..                                     | .. | Board of Works, Melbourne, Victoria.                                       |
| 1905 Feb. 7.      | { WILSON, WILLIAM RENFREW, B.Sc. ( <i>Glas.</i> ) .. ..   | .. | { C. S. A. Rys., Fouriesburg, O. R. C.                                     |
| m 1875 Mar. 2.    | *WILTON, FRANCIS .. ..                                    | .. | { c.o. M. Jutsum, 16 Finsbury Circus, E.C.                                 |
| 1904 Dec. 6.      | { WILTON, THOMAS RYDER, B.A. ( <i>Cantab.</i> ) .. ..     | .. | Dockyard, Liverpool.   |
| m 1902 Dec. 2.    | { *WIMPERIS, HARRY EGERTON, B.A. ( <i>Cantab.</i> ) .. .. | .. | { Crown Agents' Office, Whitehall Gardens, S.W.                            |
| 1905 Dec. 5.      | { *WINBY, LEWIS PHILLIPS, M.A. ( <i>Cantab.</i> ) .. ..   | .. | 20 King William Street, E.C.   |
| 1871 Dec. 5.      | WINCKLER, GEORGE WALTER ..                                | .. | Post Office, Toronto, Canada.  |
| 1899 Apr. 11.     | *WINDER, OLIVER .. ..                                     | .. | Overdale, Horwich, Bolton.   |
| 1891 Apr. 7.      | WINDER, THOMAS .. ..                                      | .. | Norfolk Estates Office, Sheffield.   |



| Date of Election. | ASSOCIATE MEMBERS.   |  |
|-------------------|--|--|
| 1896 Dec. 1.      | WINDLE, JAMES FITZGERALD   | { Public Works Office, 61 Main St., Tipperary.                 |
| 1898 Dec. 6.      | WINN, THOMAS JOHN .. ..  | 44 Hildrop Crescent, Camden Rd., N                             |
| 1879 Feb. 4.      | WINSHIP, GEORGE .. ..  | Borough Surveyor, Abingdon.                                    |
| ✠ 1897 Mar. 2.    | { WINSLOW, GILBERT, .. ..<br>B.A. ( <i>Cantab.</i> ) .. .. }           | { Golden Reade Forde & Co., 75 Aldermanbury, E.C.              |
| 1887 Feb. 1.      | WINSTANLEY, WILLIAM .. ..  | Gasworks, Newcastle-under-Lyne.                                |
| 1895 May 21.      | WINTER, GEORGE BLISS .. ..   | S. Indian Ry., Trichinopoly, India.                            |
| 1894 Dec. 4.      | WINTER, OLIVER ERNEST ..   | { Borough Engineer, Town Hall, Haverstock Hill, N.W.           |
| 1902 Jan. 14.     | { *WISE, JULIAN STANTON, B.Sc. (Leeds) .. .. }                         | 9 Beverley Gardens, Barnes, S.W.                               |
| 1892 Feb. 2.      | *WISSENDEN, REGINALD .. ..   | Ripon Road, Harrogate.   |
| 1885 Jan. 13.     | WISWALL, FRANCIS .. ..   | Stanley Villas, Runcorn.                                       |
| ✠ 1903 Mar. 3.    | *WISWALL, WALTER HARTLEY   | Ship Canal, Runcorn, Cheshire.                                 |
| 1875 Dec. 7.      | WITTS, GEORGE BACKHOUSE ..   | Hill House, Leckhampton, Cheltenham.                           |
| 1895 Jan. 8.      | WITTS, JOHN WILLIAM .. ..  | City Engineer's Office, Leeds. [ham.                           |
| 1895 Jan. 8.      | *WOLFENDEN, BENJAMIN JAMES   | Boro' Engineer, Bootle.  |
| m ✠ 1899 Mar. 7.  | { *WOLFF, CHARLES ERNEST, .. ..<br>B.Sc. ( <i>Victoria</i> ) .. .. }   | Turf Club, Cairo, Egypt.                                       |
| 1892 Apr. 5.      | *WOLLHEIM, ALBERT .. ..  | 101 Leadenhall Street, E.C.                                    |
| m 1899 Dec. 5.    | { *WOLSELEY - LEWIS, FRANK .. ..<br>THOMAS .. .. }                     | Eirianva, North Malvern.                                       |
| 1888 Jan. 10.     | WOLSTENHOLME, JEREMIAH ..  | Birley Street, Blackpool.                                      |
| 1904 Jan. 12.     | *WONTNER-SMITH, HOWARD ..  | { 9 Blenheim Road, Manningham, Bradford.                       |
| 1905 Jan. 10.     | *WOOD, ALPHONSE, Junr. .. ..   | Osborne House, Barnsley.                                       |
| 1897 Jan. 12.     | WOOD, FREDERICK JAMES .. ..  | County Surveyor, Lewes.  |
| 1895 Dec. 3.      | WOOD, JAMES HERBERT .. ..  | Dinglewood, Colwyn Bay, N. Wales.                              |
| 1897 Feb. 2.      | WOOD, JOHN EGERTON .. ..   | { Mynbouw Maatschappij "Loemar," via Singkawang, Dutch Borneo. |
| 1887 Dec. 6.      | *WOOD, WALTER GUNNELL .. ..  | P.W.D., Faizabad, India. [S.W.                                 |
| 1884 Dec. 2.      | *WOOD, WILLIAM .. ..   | 31 Studley Road, Clapham Road,                                 |
| 1905 Apr. 4.      | *WOOD, WILLIAM WELLESLEY ..  | { 46 Lovaine Place, Newcastle-on-Tyne.                         |
| C ✠ 1896 Apr. 14. | *WOOD-HILL, ARTHUR .. ..   | { N.L.Ry., Eng.'s Office, Camden Town Station, N.W.            |
| 1881 May 31.      | *WOODS, JOHN .. ..   | { 2 Scott Road, Observatory Road, Cape Town.                   |
| 1887 Dec. 6.      | WOODS, VINCENT SYDNEY .. ..  | Maryfield, Retford.  |
| 1889 May 21.      | *WOODSIDE, JOHN .. ..  | { c.o. J. C. Woodside, Carnsamps, Ballycastle, co. Antrim.     |
| 1893 Jan. 10.     | { *WOODWARD, ERNEST ARTHUR .. ..<br>BORAMAN .. .. }                    | Waterworks Engineer, Wolverhampton.                            |
| 1896 Dec. 1.      | WOODWARD, HARRY PAGE .. ..   | 129 Beaufort Street, Chelsea, S.W.                             |
| 1894 Feb. 6.      | { *WOODWARD, HENRY RICHARD .. ..<br>KEMP .. .. }                       | G.W. Ry., Low Level Station, Wolverhampton.                    |
| 1891 Dec. 1.      | *WOODWARD, JOHN HAROLD .. ..   | 8 Queen Anne's Gate, S.W.                                      |
| 1897 Jan. 12.     | { *WOOLMER, HERBERT CHARLES .. ..<br>PALAIRET .. .. }                  | { Aruba Gold Concessions, Ltd., Aruba, Dutch W. Indies.        |
| ✠ 1899 Dec. 5.    | { *WOORE, JOHN MAURICE SIMEON, .. ..<br>B.E. ( <i>Sydney</i> ) .. .. } | c.o. Chief Eng., Existing Lines, Ry. Dept., Perth, W.A.        |
| 1897 Apr. 6.      | WOOTTON, HENRY .. ..   | F. C. Oeste, Buenos Aires.                                     |
| 1882 Feb. 7.      | *WORGER, DOUGLAS FITZGERALD  | WaterCo., Southwark Bridge Rd., S.E.                           |
| 1898 Dec. 6.      | *WORKMAN, FREDERIC DICKINSON   | { Croaghann, Kingsfield Road, New Bushey.                      |
| 1905 Mar. 7.      | { *WORKMAN, ROBERT ERNEST, .. ..<br>B.Sc. ( <i>Glas.</i> ) .. .. }     | 5 Woodside Terrace, Glasgow.                                   |
| 1892 Jan. 12.     | WORMALD, JOHN .. ..  | 14 Victoria Street, S.W. [ham.                                 |
| 1896 Apr. 14.     | WORRALL, FRANK .. ..   | Council Offices, Long Eaton, Nottingham.                       |
| 1896 Apr. 14.     | { *WORSÖE, ADAM FREDERIC .. ..<br>TRAMPE .. .. }                       | Drammen Foundry, Drammen, Norway.                              |

Date of  
Election.

## ASSOCIATE MEMBERS.

|                  |  |   |
|------------------|--|---|
| 1889 Dec. 3.     | WORTH, REGINALD TURNER ..                                | The Limes, Middlewich, Cheshire.  |
| 1893 Dec. 5.     | { *WORTH, RICHARD GEORGE<br>HANSFORD .. .. . }           | 42 George Street, Plymouth.   |
| 1894 Dec. 4.     | *WORTHINGTON, ARTHUR ..                                  | Carrington Lane, Ashton-on-Mersey.  |
| 1904 Jan. 12.    | *WRAY, PETER REMUS ..                                    | { Generating Station, Lots Road,<br>Chelsea, S.W.                                   |
| 1905 Apr. 11.    | *WRAY, ROMULUS PAUL ..                                   | { Osterfield Eng. Co., 55 Park Walk,<br>Chelsea, S.W.                               |
| 1895 Jan. 8.     | *WRENCH, FRANCIS HOULTON ..                              | 217 Upperthorpe, Sheffield.   |
| 1887 May 3.      | { WREY, PHILIP BOURCHIER<br>SHERARD .. .. . }            | Mashonaland Agency, Bulawayo,<br>Rhodesia.  |
| 1894 Jan. 9.     | WRIGHT, ARTHUR .. ..                                     | 3 Addison Road, Kensington, W.  |
| 1904 Apr. 12.    | *WRIGHT, CHRISTOPHER GORDON                              | Military Works, Lucknow, India.   |
| 1902 Apr. 8.     | *WRIGHT, FRANK .. ..                                     | { 19 St. Charles Square, North<br>Kensington, W.                                    |
| 1884 Feb. 5.     | *WRIGHT, FREDERICK ADLARD ..                             | Dep. Chief Eng., E.I. Ry., Calcutta.  |
| 1886 Dec. 7.     | *WRIGHT, HAROLD .. ..                                    | East Indian Ry., Asansol, India.  |
| 1890 Feb. 4.     | WRIGHT, JOHN ROBERT MOSSE                                | { Suburban Waterworks, Albion<br>Springs, Rondebosch, Cape<br>Colony. [C.C.]        |
| 1901 Apr. 23.    | WRIGHT, RICHARD ERNEST ..                                | Amabele-Butterworth Ry., Komgha,  |
| 1892 Mar. 1.     | *WRIGHT, THOMAS .. ..                                    | { Mason's Gas Power Co., Ltd.,<br>Levenshulme, Manchester.                          |
| 1890 May 6.      | *WYATT, HENRY HERBERT ..                                 | { Buckingham House, Tunbridge<br>Wells.   |
| t ✚ 1883 May 29. | *WYATT, JAMES WILLIAM, F.C.H.                            | { Bryn Gwynan, Beddgelert, North<br>Wales.  |
| 1901 Dec. 3.     | *WYATT-SMITH, ALAN .. ..                                 | { Cape Govt. Rys., Box 291, Cape<br>Town.   |
| 1878 May 7.      | WYBROW, GEORGE DIGBY ..                                  | { Sylvabelle, Lansdown Road, Bourne-<br>mouth.                                      |
| 1905 Dec. 5.     | { WYLDE, JAMES RAWDON,<br>B.Sc. (Victoria) .. .. }       | { King, Hamilton & Co., Koila Ghat<br>Street, Calcutta.                             |
| 1894 Dec. 4.     | WYLDE, THOMAS .. ..                                      | { c.o. F. A. Robinson & Co., 54 Old<br>Broad Street, E.C.                           |
| 1897 Feb. 2.     | WYLLIE, JAMES BROWN .. ..                                | 219 St. Vincent Street, Glasgow.  |
| 1866 Feb. 6.     | WYNDHAM, HENRY .. ..                                     | { Thornton Lodge, Thornton Heath,<br>Surrey.  |
| 1861 Feb. 5.     | WYNNE, ALBERT AUGUSTUS ..                                | Tigroney, Ovoca, co. Wicklow.   |
| 1899 Dec. 5.     | { *WYNNE, ARTHUR ALGERNON<br>WARREN, M.A. (Cantab.) .. } | { C. A. Parsons & Co., 66 Victoria<br>Street, S.W.                                  |
| 1871 Feb. 7.     | *WYNNE, FRANCIS GEORGE ..                                | Lightwater, Bagshot.  |
| 1892 Mar. 1.     | *WYNNE, HENRY EDWARD ..                                  | { Engineer's Office, Enniskillen, Ire-<br>land.                                     |
| 1896 Dec. 1.     | WYNNE, HENRY JOHN .. ..                                  | Government Rys., Wellington, N.Z.   |
| 1891 Dec. 1.     | WYNNE, THOMAS TRAFFORD ..                                | Tutbury, Staffs.  |
| 1890 Dec. 2.     | WYSE, ROBERT ANDERSON ..                                 | { Abbotsford House, Nahoon, East<br>London, S. Africa.                              |
| 1895 Dec. 3.     | *XAVIER, ISIDORE MICHAEL ..                              | Water Dept., Victoria, Hong Kong.   |
| 1902 Feb. 4.     | YAMAGUCHI, JUNNOSUKE ..                                  | Sanyo Railway, Kobe, Japan.   |
| 1887 Feb. 1.     | *YATES, FRED SPENCER .. ..                               | Town Hall, Waterloo, Liverpool.   |
| 1895 Mar. 5.     | YERBURY, FREDERICK AUGUSTUS                              | { Glenavon, Grange Road, Kingston-<br>on-Thames.                                    |
| 1906 Apr. 3.     | YEWDALE, PETRIE .. ..                                    | Calverley, Leeds.   |
| 1899 Dec. 5.     | YOCKNEY, ALGERNON LANGSTON                               | { 53 Victoria Street, S.W. (Yockney,<br>London. P.O. Telephone—Victo-<br>toria 53.) |

|     | Date of Election. | ASSOCIATE MEMBERS.                                   |       |   |  |
|-----|-------------------|--|-------|---|--|
|     | 1891 Dec. 1.      | YORK, FRANCIS COLIN                                  | .. .. | Pacific Ry., Junin, Buenos Aires.                             |  |
|     | 1895 Mar. 5.      | YORK, HENRY  | .. .. | District Council, New Barnet.                                 |  |
|     | 1900 Feb. 6.      | YOSHIMURA, CHOSAKU                                   | .. .. | { Kenchikukwa, Sascho Chinjufu,<br>Nagasaki Ken, Japan.       |  |
| m ✚ | 1895 Apr. 2.      | *YOUNG, ALFRED ERNEST                                | .. .. | Govt. Survey, Perak, S.S.                                     |  |
|     | 1906 Apr. 3.      | YOUNG, ANDREW REGINALD                               | .. .. | Woodlands, North Hill, Highgate.N.                            |  |
| ✚   | 1892 Jan. 12.     | YOUNG, EDWARD HERBERT                                | .. .. | { Eng.'s Dept., Municipal Offices,<br>Liverpool.              |  |
| ✚   | 1891 May 12.      | *YOUNG, EVELYN HENRY                                 | .. .. | R.M. Ry., Ajmer, Rajputana, India.                            |  |
|     | 1893 Dec. 5.      | *YOUNG, JAMES  | .. .. | { Caerleon, Bearsden, Dumbarton-<br>shire.                    |  |
|     | 1882 Feb. 7.      | *YOUNG, JULES DENT                                   | .. .. | Waterworks Office, Bath.                                      |  |
|     | 1906 Feb. 6.      | { YOUNG, PATRICK CHARLES,<br>B.A. ( <i>Cantab.</i> ) | .. .. | c.o. Engr.-in-Chief, Construction,<br>N.W.Ry., Lahore, India. |  |
|     | 1889 Mar. 5.      | YOUNG, ROBERT AUSTEN                                 | .. .. | Westport, N.Z.  |  |
|     | 1892 Apr. 5.      | YOUNG, WILLIAM CHRISTOPHER                           | .. .. | Mozafferpore, Tirhoot, Bengal.                                |  |
|     | 1882 Dec. 5.      | YOUNGER, THOMAS BROWN                                | .. .. | 98 Great Tower Street, E.C.                                   |  |
|     | 1899 Dec. 5.      | *ZELLER, CARLOS VAN                                  | .. .. | 48 Rua do Ferregial de Baixo, Lisbon.                         |  |
| ✚   | 1901 Dec. 3.      | ZIMMER, GEORGE FREDERICK                             | .. .. | 82 Mark Lane, E.C.  |  |

Total number of Associate Members .. .. 4.259.



## ASSOCIATES.

[Assoc. Inst. C.E.]

N.B. *Those elected prior to the 2nd of December, 1878, are entitled to the privileges of Corporate Membership, but not those subsequently elected.*

| Date of Election. | ASSOCIATES.   |  |
|-------------------|---|--|
| 1861 May 28.      | ABEL, CHARLES DENTON .. ..                            | { 28 Southampton Buildings, Chancery Lane, W.C. (Patentable, London. Holborn 109.) |
| 1859 Dec. 6.      | { AIRD, Sir JOHN, Bart.                               | { 37 Great George Street, S.W. (Loco. London. Westminster 61.)                     |
| 1886 Dec. 7.      | { (former Associate of Council.)                      |  |
|                   | AIRD, JOHN, Jun. .. ..                                |  |
| 1883 Dec. 4.      | ALDRICH, ARTHUR STANHOPE ..                           | Bunnythorpe, Palmerston North, N.Z.  |
| 1877 Apr. 10.     | { ANNETT, RICHARD CHARLES                             | { 4 Buckingham Avenue, Sefton Park, Liverpool.                                     |
|                   | FRANCIS .. ..   |  |
|                   | { ARDAGH, Sir JOHN CHARLES,                           | { Athenæum Club, Pall Mall, S.W.   |
| 1866 Dec. 4.      | { Maj.-Gen. R.E., K.C.I.E.,                           |  |
|                   | K.C.M.G., C.B. .. ..                                  |  |
| 1898 Apr. 5.      | { ARMITAGE, ROBERT,                                   | { Farnley Lodge, Leeds.  |
|                   | B.A. (Cantab.) .. ..                                  |  |
| 1904 Apr. 12.     | { ARMSTRONG, Lord, M.A. (Cantab.), D.C.L. (Durham) .. | { 93 Eaton Square, S.W.  |
| 1886 May 4.       | { ARMYTAGE, Sir GEORGE JOHN,                          |  |
|                   | Bart. .. ..   |  |
| 1901 Dec. 3.      | * ARMYTAGE, JOHN HAWKSWORTH                           | { 1 Trafalgar Blgs., Charing Cross, [W.C.]   |
| ✠ 1877 Dec. 4.    | BACHE, ALFRED, B.A. (Lond.)                           | { 3 St. Mary's Place, Penzance.  |
| 1889 Feb. 5.      | BACK, FREDERICK .. ..                                 | { Chillagoe, North Queensland.   |
| 1869 Apr. 6.      | { BADGLEY, WILLIAM FRANCIS,                           | { Exmouth, Devon.  |
|                   | Colonel Bombay Staff Corps                            |  |
| 1896 Dec. 1.      | { BAGGALLAY, CLAUDE, K.C.,                            | { 20 Elvaston Place, Kensington, S.W.  |
|                   | LL.M. (Cantab.) .. ..                                 |  |
| 1881 May 3.       | { BAIRD, ANDREW WILSON,                               | { Palmerscross, Elgin, N.B.  |
|                   | Colonel R.E. ret., C.S.I., F.R.S.                     |  |
| 1902 Jan. 14.     | { BAKER, FREDERICK NOLAN,                             | { R.A. Mess, The Castle, Dover.  |
|                   | Lieut. R.A. .. ..                                     |  |
| 1865 Feb. 7.      | BARCLAY, CHARLES .. ..                                | { The Manor House, Bayford, Hertford.  |
| 1891 May 5.       | BARLING, JOSEPH .. ..                                 | { Under Secy., P.W.D., Sydney, N.S.W.  |
| 1885 Dec. 1.      | { BASTOS, JOSÉ JOAQUIM DE                             | { Rio de Janeiro.  |
|                   | CARVALHO .. ..  |  |
| 1882 Apr. 4.      | { BATE, CHARLES M'GUIRE,                              | { Royal Arsenal, Woolwich.   |
|                   | Lieut.-Colonel R.E. .. ..                             |  |
| 1868 Feb. 4.      | BEHR, FRITZ BERNARD .. ..                             | { Monorail Construction Co., 34 Old Broad Street, E.C.                             |
| 1900 Dec. 4.      | BEHRENS, GUSTAV .. ..                                 | { 36 Princess Street, Manchester.  |
| ✠ 1901 Mar. 5.    | BEILBY, GEORGE THOMAS ..                              | { 11 University Gardens, Glasgow.  |
| 1902 Dec. 2.      | { BELL, CHARLES THORNHILL,                            | { Supt. Gun and Shell Factory, Cossipore, India.                                   |
|                   | Major R.A. .. ..                                      |  |
| 1878 May 28.      | { BEVAN, Rev. JAMES OLIVER,                           | { Chillenden Rectory, Dover.   |
|                   | M.A. (Cantab.) .. ..                                  |  |

|       | Date of Election. | ASSOCIATES.   |   |
|-------|-------------------|---|---|
|       | 1885 May 19.      | BIRT, <i>Sir</i> WILLIAM .. ..  | { Devonshire House, Shortlands, Kent.                               |
|       | 1886 Dec. 7.      | { BIXBY, WILLIAM HERBERT, }<br><i>Lieut.-Col. U.S. Engs.</i> .. ..  | { 501 Federal Building, Chicago, Ill., U.S. [S.W.]                  |
|       | 1891 Jan. 13.     | BLISSETT, THOMAS .. ..  | c.o. Grindlay & Co., Parliament St.,                                |
| t ✚   | 1896 Apr. 14.     | BLOUNT, BERTRAM .. ..   | { 76 York Street, Westminster, S.W.                                 |
|       | 1901 Apr. 2.      | BLOXAM, ARTHUR GEORGE ..  | { Birkbeck Bank Chambers, Southampton Buildings, W.C.               |
| T t ✚ | 1856 Dec. 2.      | { BOULTON, <i>Sir</i> SAMUEL BAGSTER, }<br><i>Bart.</i> .. ..   | { 64 Cannon Street, E.C. (Burboul, London. Bank 547.)               |
|       | 1892 Dec. 6.      | BOUSFIELD, JOHN EBENEZER ..   | { 4 South Street, Finsbury, E.C. (Invention, London. Central 4492.) |
|       | 1881 Feb. 1.      | { *BOUSFIELD, WILLIAM ROBERT, }<br>K.C., M.P. .. ..   | { 2 Crown Office Row, Temple, E.C.                                  |
|       | 1887 Apr. 5.      | { BOWMAN, FREDERIC HUNGERFORD, D.Sc. ( <i>Richmond, U.S.</i> ), F.R.S.E. .. ..                              | { 4 Albert Square, Manchester.                                      |
|       | 1905 Dec. 5.      | { BOYLE, <i>Sir</i> CAVENDISH, }<br>K.C.M.G. .. ..  | { Government House, Mauritius.                                      |
| ✚     | 1865 Feb. 7.      | BRAND, JAMES .. ..  | { 172 Buchanan Street, Glasgow.                                     |
|       | 1906 Feb. 6.      | BRANDAÕ, JULIO (Sobrinho) ..  | { 51 Rua Rego Freitas, São Paulo, Brazil.                           |
| T ✚   | 1866 Dec. 4.      | { BRASSEY, <i>Lord</i> , G.C.B., }<br>D.C.L. ( <i>Oxon.</i> ) ( <i>former Associate of Council.</i> ) .. .. | { 4 Great George Street, S.W. (Westminster 2.)                      |
|       | 1904 Apr. 12.     | { BRASSEY, <i>Hon.</i> THOMAS }<br>ALLNUTT, M.A. ( <i>Oxon</i> ) ..   | { Park Gate, Battle, Sussex.  |
|       | 1869 Dec. 7.      | BRISTOW, EBENEZER JOHN ..   | { 1 Copthall Buildings, E.C.  |
|       | 1864 Feb. 2.      | BROWNING, ARTHUR GIRAUD ..  | { 16 Victoria St., S.W. (Friday, London.)                           |
|       | 1852 Dec. 7.      | BRYDGES, CHARLES JOHN ..  | { Hudson Bay Co., Winnipeg, Canada.                                 |
|       | 1895 Dec. 3.      | BURT, GEORGE .. ..  | { 19 Grosvenor Road, S.W.   |
|       | 1886 Apr. 6.      | BURT, <i>Sir</i> JOHN MOWLEM ..   | { 19 Grosvenor Road, S.W.   |
|       | 1872 Feb. 6.      | BUTLER, JAMES WILLIAM ..  | { Blyth House, Humber Rd., Blackheath, S.E.                         |
| m ✚   | 1899 Dec. 5.      | BUTTERS, CHARLES .. ..  | { 220 Crocker Building, San Francisco, Calif., U.S.                 |
|       | 1876 Dec. 5.      | { CALL, CHARLES FREDERIC, <i>Lt.-Colonel R.E. ret.</i> .. ..  | { Valescure, St. Raphael (Var), France.                             |
|       | 1866 Dec. 4.      | { CAPPEL, <i>Sir</i> ALBERT JAMES }<br>LEPPOC, K.C.I.E. .. ..   | { 27 Kensington Court Gardens, S.W.                                 |
|       | 1885 Jan. 13.     | CARD, HENRY .. ..   | { Lewes. [(2608.)   |
|       | 1869 Apr. 6.      | CARPMAEL, ARTHUR .. ..  | { 24 Southampton Buildings, W.C.                                    |
|       | 1879 May 6.       | { CARPMAEL, EDWARD, }<br>B.A. ( <i>Cantab.</i> ) .. ..  | { The Ives, St. Julian's Farm Road, Norwood, S.E.                   |
|       | 1867 May 21.      | CASTLE, EDWARD JAMES, K.C.  | { 8 King's Bench Walk, Temple, E.C.                                 |
|       | 1904 Jan. 12.     | { CASTLE, SYDNEY CHARLES }<br>COURTENAY .. ..   | { 40 Chancery Lane, London, W.C.                                    |
|       | 1879 Mar. 4.      | CLARK, MATEO .. ..  | { 9 New Broad Street, E.C.  |
|       | 1897 Mar. 2.      | { *CLARKE, EDWARD RUSSELL, }<br>B.A. ( <i>Cantab.</i> ) .. ..   | { 11 King's Bench Walk, Temple, E.C.                                |
|       | 1872 Feb. 6.      | CLEGHORN, JOHN .. ..  | { South View, North Common Road, Ealing, W.                         |
|       | 1868 Apr. 7.      | CLUTTON, ROBERT GEORGE ..   | { 9 Whitehall Place, S.W.   |
|       | 1867 Feb. 5.      | COLBRON, JOSEPH PARKIN ..   | { 38 Osborne Villas, Hove, Brighton.                                |
|       | 1905 Jan. 10.     | COLLS, JOHN HOWARD .. ..  | { 26 Park Crescent, W.  |
|       | 1899 Feb. 7.      | COOKE, WILLIAM GEORGE ..  | { 35 Walbrook, E.C.   |

| Date of Election.  | ASSOCIATES.   |   |
|--------------------|---|---|
| 1883 Feb. 6.       | { COOMBS, WILLIAM HERON, <i>Com-mander R.N.</i> .. .. }                     | Port of Spain, Triinidad.   |
| 1885 May 5.        | COPUS, GEORGE .. ..   | { Rotorna, Westwood Road, South-ampton.   |
| 1898 Dec. 6.       | { CORDUE, WILLIAM GEORGE }<br>RANGER, <i>Major R.E.</i> .. ..               | 10 The Warren, Cargate Hill, Aldershot.   |
| 1885 Dec. 1.       | COX, EDMUND PENLEY .. ..  | Pernambuco, Brazil.   |
| 1874 May 12.       | { CRAMPTON, THOMAS HILLAS, }<br>B.A. ( <i>Cantab.</i> ) .. ..               | c.o. J. Fort, 45 Holland Road, Kensington, W.   |
| 1879 Apr. 1.       | CRESSWELL, JOHN .. ..   | { 8 Ash Grove, Wrexham Road, Chester.   |
| 1897 Dec. 7.       | CRIPPS, CHARLES ALFRED, K.C.  | 1 Essex Court, Temple, E.C.   |
| 1890 Jan. 14.      | { CUBILLO, LEANDRO, <i>Lt.-Col. Royal Spanish Artillery</i> .. }            | Trubia, Spain.  |
| ✠ 1880 Jan. 13.    | CUNINGHAM, WILLIAM MARTIN   | Goff's Oak, Cheshunt, Herts.  |
| T t ✠ 1882 Dec. 5. | { CUNNINGHAM, ALLAN JOSEPH }<br>CHAMPNEYS, <i>Lt.-Col. R.E. ret.</i>        | 20 Essex Villas, Kensington, W.   |
| 1882 May 2.        | CUTBILL, WALTER JOHN CHARLES  | 37 Old Jewry, E.C.  |
| 1891 Jan. 13.      | DALLAS, JAMES, <i>Major R.E.</i> ..   | Dean Bank House, Edinburgh.   |
| 1874 Dec. 1.       | DAVIS, ALFRED .. ..   | { 26 Victoria Street, S.W. (Sivad, London.)   |
| F ✠ 1883 Dec. 4.   | { DAWKINS, W. BOYD, }<br>M.A., D.Sc. ( <i>Oxon.</i> ), F.R.S.               | Fallowfield House, Fallowfield, Manchester. [S.W.]  |
| t ✠ 1867 Dec. 3.   | DELANO, WILLIAM HENRY ..  | 13 Barkston Gardens, Earl's Court,  |
| 1905 Jan. 10.      | { DEWHURST, CHARLES BENNETT, }<br>B.Sc. ( <i>Victoria</i> ) .. ..           | 33 Torbay Road, Chorlton-cum-Hardy, Manchester.   |
| 1891 Dec. 1.       | DONKIN, JOHN BLOYD .. ..  | Union Club, Sydney, N.S.W.  |
| 1904 Dec. 6.       | DOULTON, HENRY LEWIS ..   | { Bowling Green House, Putney Heath, S.W.   |
| 1875 Apr. 6.       | { DOWDEN, THOMAS FREEMAN, }<br><i>Colonel R.E. ret.</i> .. ..               | c.o. Cox & Co., Charing Cross, S.W.   |
| 1894 Dec. 4.       | DUPRAT, AUGUSTO .. ..   | 2286 Charcas, Buenos Ayres.   |
| 1869 Dec. 7.       | { DURNING-LAWRENCE, <i>Sir EDWIN, Bart., B.A., LL.B. (Lond.), M.P.</i> }    | 13 Carlton House Terrace, S.W.  |
| 1866 Jan. 9.       | { EDGCOMBE, WILLIAM HENRY, }<br><i>Maj.-General R.E. ret.</i> ..            | Cooper's Hill Lodge, Englefield Green, Staines.   |
| 1876 Dec. 5.       | ELLIS, BASIL PYM .. ..  | 59 Belvedere Road, Lambeth, S.E.  |
| 1904 Apr. 12.      | ELLIS, CHARLES EDWARD ..  | Rampton Manor, Lincoln.   |
| 1857 Feb. 3.       | EPSTEIN, LÉON .. ..   |   |
| 1872 Dec. 3.       | { EVANS, <i>Sir FRANCIS HENRY, Bart., K.C.M.G., M.P.</i> .. }               | Tubbendens, Orpington, Kent.  |
| ✠ 1859 Dec. 6.     | { EVANS, <i>Sir JOHN, K.C.B., D.C.L. (Oxon.), D.Sc. (Cantab.), F.R.S.</i> } | Nash Mills, Hemel Hempstead.  |
| 1866 Jan. 9.       | FENTON, <i>Sir MYLES</i> .. ..  | Redstone Hall, Redhill, Surrey.   |
| 1877 Feb. 6.       | FENWICK, GEORGE TOWNSEND  | Forres Park, Trinidad.  |
| 1844 Apr. 2.       | FERRIÈRES, <i>Baron DU BOIS DE</i>  | Bayshill House, Cheltenham. [munds.]  |
| 1864 May 1.        | FIELD, SIDNEY .. ..   | Ashfield Lodge, near Bury St. Ed-   |
| 1852 May 4.        | { FORREST, JAMES ( <i>Honorary Secretary.</i> ) }                           | The Institution of Civil Engineers, Great George Street, S.W. (Insti-tution, London. Westminster 51.) |
| 1903 Mar. 3.       | { FREDERICK, GEORGE CHARLES, }<br><i>Commander R.N.</i> .. ..               | United Service Club, Pall Mall. S.W.  |
| 1896 Dec. 1.       | { FREEMAN, GEORGE MALLOWS, }<br>B.A. ( <i>Oxon.</i> ), K.C. .. ..           | 33 Phillimore Gardens, W.   |



| Date of Election. | ASSOCIATES.   |  |
|-------------------|---|--|
| 1871 Feb. 7.      | FREEMAN, WILLIAM GEORGE   | { c.o. Freeman, Sons & Co., Penryn, Cornwall. [W.]       |
| 1895 Dec. 3.      | FREEMAN, WILLIAM ROBERT   | 29 Cambridge Square, Hyde Park,                          |
| 1875 Jan. 12.     | { FRERE, RICHARD TUDOR, }<br>Lt.-Colonel R.E. ret. .. .. }  | 6 Magdalen Road, St. Leonard's-on-Sea.                   |
| 1900 Feb. 6.      | FUJII, TERUGORO .. ..   | 1 South Parade, Newcastle-on-Tyne                        |
| 1889 Feb. 5.      | GARNETT, WILLIAM TERRELL  | Undercliffe House, Bradford.                             |
| 1896 Jan. 14.     | GIBB, Sir GEORGE STEGMANN   | General Manager, N.E. Ry., York.                         |
| 1895 Dec. 3.      | { GIBBON, JAMES AUBREY, Major }<br>R.E. .. .. }   | Frideswide, Farnborough, Hants.                          |
| 1876 Dec. 5.      | GIBBS, WILLIAM HENRY ..   | 2A New Broadway, Ealing, W.                              |
| 1904 Dec. 6.      | { GLAZEBROOK, RICHARD TETLEY }<br>M.A. (Cantab.), D.Sc. }<br>(Victoria), F.R.S. .. .. }           | Bushey House, Teddington, Middlesex.                     |
| 1902 Jan. 14.     | GORDON, JOSEPH GORDON ..  | Queen Anne's Mansions, S.W.                              |
| 1898 Dec. 6.      | { GRINLINTON, FREDERICK HENRY, }<br>C.M.G. .. .. }  | c.o. H. S. King & Co., Cornhill, E.C.                    |
| 1872 Apr. 9.      | GRINLINTON, Sir JOHN JOSEPH   | { Rose Hill, Middle Wallop, Stockbridge, Hants.          |
| 1874 Dec. 1.      | GUNN, WILLIAM CECIL .. ..   | { G. Bailey, Toms & Co., 20 Laurence Pountney Lane, E.C. |
| 1878 Mar. 5.      | { HAMMOND, GEORGE CRISPIN, }<br>Commander R.N. ... .. }   | 5 Beacon Terrace, Falmouth.                              |
| 1871 Dec. 5.      | HARDING, JOSEPH RAKE .. ..  | Local Board of Health, Epsom.                            |
| 1887 Dec. 6.      | { HARRISON, Sir RICHARD, General }<br>R.E., G.C.B., C.M.G. .. .. }                                | Ashton Manor, Dunsford, Exeter.                          |
| 1875 Apr. 6.      | HART, CHARLES FREDERICK ..  | Devizes, Wilts.  |
| 1906 Feb. 6.      | HAWKINS, CHARLES EDWARD   | { 23 Dalebury Road, Upper Tooting, S.W.                  |
| 1858 Apr. 13.     | HAWKINS, WILLIAM BAILEY ..  | { 39 Lombard Street, E.C. (Bailey Hawkins, London.)      |
| 1872 Mar. 5.      | { HAYDON, WILLIAM HENRY, }<br>Lt.-Colonel R.E. ret. .. .. }                                       | Malmesbury, Wilts.                                       |
| ✠ 1900 Jan. 9.    | { HEARN, GORDON RISLEY, Captain }<br>R.E. .. .. }   | H. S. King & Co., 65 Cornhill, E.C.                      |
| 1881 Dec. 6.      | { HEATHORN, THOMAS BRIDGES, }<br>Captain R.A. ret. .. .. }  | 10 Wilton Place, S.W. (Kamar, London.)                   |
| 1855 Feb. 6.      | HEDGER, PHILIP .. ..  | Coulsdon, The Avenue, Surbiton.                          |
| 1904 Jan. 12.     | HEMINGWAY, CHARLES ROBERT   | { 1 Brunel Terrace, Derby Road, Nottingham.              |
| 1905 Dec. 5.      | { HEMMING, EDWARD HUGHES, }<br>Major. R.E. .. .. }  | 53 Strado Reale, Strema, Malta.                          |
| 1851 Apr. 1.      | HILL, JULIAN .. ..  | 8 Dean's Yard, Westminster, S.W.                         |
| 1885 Dec. 1.      | HILL, VINCENT WALKER .. ..  | { S. E. & C. D. Rys., London Bridge Station, S.E.        |
| 1876 Jan. 11.     | { HIME, Rt. Hon. Sir ALBERT }<br>HENRY, Lt.-Colonel R.E. ret.,<br>K.C.M.G., P.C., LL.D. (Edin.) } | Maritzburg, Natal.                                       |
| 1876 May 30.      | HODGSON, HENRY TYLSTON ..   | Harpenden, Herts.  |
| 1868 Dec. 1.      | HOLGATE, JOHN THOMAS .. ..  | Elmfield, Ashted, Surrey.                                |
| 1881 Mar. 1.      | HOLLINGS, JAMES SPENCER ..  | Stoney Grove House, Nevis, B.W.I.                        |
| 1877 Mar. 6.      | HOLME, ARTHUR HILL .. ..  | { 6 Gambier Terrace, Hope Street, Liverpool.             |
| ✠ 1886 Feb. 2.    | HOPE, WILLIAM .. ..   | 10 Blackstock Street, Liverpool.                         |
| 1897 Mar. 2.      | HOPKINSON, JOHN .. ..   | Weetwood, Watford.                                       |

| Date of Election. |     | ASSOCIATES.   |   |
|-------------------|-----|---|---|
| 1867 Dec.         | 3.  | HOWARD, JOHN .. ..  | 17 Victoria Street, S.W.  |
| 1865 Apr.         | 4.  | HUTCHINSON, ALFRED .. ..  | 62 Highbury Park, N.  |
| 1874 Mar.         | 3.  | { HUTCHINSON, CHARLES SCROPE, }<br><i>Maj.-Gen. R.E. ret., C.B. ..</i>            | 14 Kidbrook Park Rd., Blackheath, S.E.                                      |
| 1858 Dec.         | 7.  | ISAACS, LEWIS HENRY .. ..   | 3 Verulam Buildings, Gray's Inn, W.C.                                       |
| 1887 May          | 3.  | JACKSON, <i>Sir</i> JOHN, F.R.S.E.  | 53 Victoria Street, S.W.  |
| ✠ 1876 Feb.       | 1.  | { JACOB, <i>Sir</i> SAMUEL SWINTON, }<br><i>Col. Indian Staff Corps, K.C.I.E.</i> | c.o. H. S. King & Co., Pall Mall, S.W.                                      |
| 1866 Feb.         | 6.  | JAMES, FREDERICK .. ..  | 48 Tregunter Rd., Brompton, S.W.  |
| 1904 Apr.         | 12. | { JARRAD, FREDERICK WILLIAM, }<br><i>Commander R.N. .. ..</i>                     | 81 Overstrand Mansions, Battersea Park, W.                                  |
| 1876 Apr.         | 4.  | JEFFERIES, THOMAS .. ..   | Newbay, Wexford.  |
| 1906 Apr.         | 3.  | JONES, ERNEST EDWARDS ..  | Wm. Jones & Sons, Neath. [S.W.]   |
| 1887 Dec.         | 6.  | JORDAN, WILLIAM LEIGHTON ..   | Thatched House Club, St. James's,   |
| 1894 Dec.         | 4.  | JUDD, JOSEPH HENRY .. ..  | The Yews, Heaton Moor, Lancs.   |
| 1901 Dec.         | 3.  | { KILBURN, BERTRAM EDWARD }<br>DUNBAR, M.A. ( <i>Cantab.</i> ) ..                 | Chancery Lane Station Chambers, High Holborn, W.C.                          |
| 1871 Dec.         | 5.  | { LAMBERT, EDWARD TILEY, }<br><i>B.A. (Cantab.) .. ..</i>                         | Telham Court, Battle.   |
| 1905 Dec.         | 5.  | LAMBERT, WESLEY JOHN ..   | 55 Plumstead Common Road, S.E.  |
| 1884 Dec.         | 2.  | LASS, ALFRED .. ..  | 352 Upper Richmond Road, Putney, S.W.                                       |
| 1861 Mar.         | 5.  | LEE, JOHN COCKBURN FRANCIS  | 42 Gloucester Gardens, Hyde Park, W.  |
| 1881 Feb.         | 1.  | { LINGARD - MONK, RICHARD }<br>BOUGHEY MONK .. ..                                 | Great Central Ry., Manchester.  |
| 1897 Dec.         | 7.  | { LISBÔA, MIGUEL RIBEIRO, <i>Cap- tain Brazilian Navy ret.</i> .. }               | Obras Municipaes, Belém, Brazil.  |
| 1877 May          | 1.  | { LITTLER, <i>Sir</i> RALPH DANIEL }<br>MAKINSON, C.B., K.C. ..                   | 6 Pump Court, Temple, E.C. (Holborn 46.)                                    |
| 1905 Apr.         | 11. | { LLOYD, EDWARD HONORATUS, }<br>K.C. .. ..  | 9 Bridge Street, Westminster.   |
| 1883 Dec.         | 4.  | LORIMER, WILLIAM .. ..  | Glasgow Loco. Works, Glasgow.   |
| 1865 Mar.         | 7.  | LOVATT, HENRY .. ..   | Darlington Street, Wolverhampton.   |
| 1879 Dec.         | 2.  | { LUCAS, <i>Sir</i> ARTHUR CHARLES, }<br><i>Bart.</i> .. ..                       | Broad Sanctuary Chambers, Westminster, S.W. (Loco. London. Westminster 61.) |
| 1893 Jan.         | 10. | MACAULAY, FREDERIC JULIUS   | L. & S.W. Ry., Waterloo Bridge, S.E.  |
| 1890 Dec.         | 2.  | MCCORMICK, JOHN .. ..   | West End, Brisbane, Queensland.   |
| 1899 Jan.         | 10. | { MACMORRAN, ALEXANDER, M.A. }<br>( <i>Edin.</i> ), K.C. ...                      | 3 Temple Gardens, E.C.  |
| 1872 Dec.         | 3.  | { MCNAIR, JOHN FREDERICK }<br>ADOLPHUS, <i>Major</i> R.A., C.M.G.                 | Scotia, Preston Park, Brighton.   |
| 1901 Dec.         | 3.  | { MAIA, ALFREDO EUGENIO }<br>ALMEIDA .. ..  | Rua Tamandari 49, Sao Paulo, Brazil.  |
| 1888 May          | 15. | { MANN, JAMES ROBERT, <i>Maj.- General R.E. ret., C.M.G.</i> }                    | Highfield Lodge, Tilehurst, Berks.  |
| 1865 Feb.         | 7.  | { MAPPIN, <i>Sir</i> FREDERICK THORPE, }<br><i>Bart.</i> , M.P. .. ..             | 38 Prince's Gate, S.W.  |
| 1864 Apr.         | 5.  | MARTIN, SAMUEL GARLICK ..   | Pennis, Fawkham, Kent.  |

| Date of Election. |     | ASSOCIATES.  |  |
|-------------------|-----|--|--|
| 1892 Dec.         | 6.  | { *MARTIN, WILLIAM,<br>M.A., LL.D. ( <i>Cantab.</i> ) }                                      | { Patent Office, Southampton Build-<br>ings, W.C.                              |
| 1906 Apr.         | 3.  | MASON, THOMAS .. ..  | Palmadie, Glasgow.   |
| 1903 Mar.         | 3.  | MATHIESON, JOHN .. ..  | Duffield, Derbyshire.  |
| 1880 Dec.         | 7.  | MATTHEW, GEORGE, F.R.S. ..   | 75 Hatton Garden, E.C.   |
| 1859 Apr.         | 5.  | MEREDITH, JOHN BULT .. ..  | 9 Sydenham Road, Croydon.  |
| 1905 Dec.         | 5.  | MEYER, SEBASTIAN WILLIAM   | { Brackenhill, St. George's Place,<br>York.                                    |
| 1877 Apr.         | 10. | MIDDLETON, JOHN THOMAS ..  | { The Grange, Grange Road, Ealing, W.<br>(Westminster, 693. Dislodge, London.) |
| 1904 Dec.         | 6.  | MOON, ERNEST, K.C. .. ..   | 48 Cadogan Square, S.W. [W.  |
| 1898 Dec.         | 6.  | *MORRIS, JOHN TURNER .. ..   | 13 Somers Place, Hyde Park Square,   |
| 1883 May          | 1.  | { MOULTON, <i>Rt. Hon. Sir</i> JOHN<br>FLETCHER, P.C. .. .. }                                | 57 Onslow Square, S.W.   |
| 1877 May          | 1.  | MOUSLEY, JAMES ALFRED ..   | St. Germain's, St. Albans. [W.   |
| 1879 May          | 6.  | MOUSLEY, WILLIAM THOMAS ..   | 15a Pembridge Square, Bayswater,   |
| 1904 Dec.         | 6.  | MUNDEY, ALFRED HOLLEY ..   | 14 Wrotesley Road, Plumstead.  |
|                   |     |  |  |
| 1897 Feb.         | 2.  | { NARES, <i>Sir</i> GEORGE STRONG,<br>K.C.B., <i>Vice-Admiral</i> .. }                       | 11 Claremont Road, Surbiton.   |
| 1872 Dec.         | 3.  | { NICHOLSON, <i>Sir</i> WILLIAM GUS-<br>TAVUS, <i>Lieut.-General</i> R.E.,<br>K.C.B. .. .. } | War Office, Pall Mall, S.W.  |
| 1878 Feb.         | 5.  | NOTMAN, HENRY WILKES ..  | { Cholmley Lodge, West End, Kilburn,<br>N.W.                                   |
| 1905 Apr.         | 4.  | NOYES, EDWARD .. ..  | { 109 Pitt Street, Sydney, New South<br>Wales.                                 |
|                   |     |  |  |
| 1866 Mar.         | 6.  | { OAKLEY, <i>Sir</i> HENRY ( <i>former</i><br><i>Associate of Council.</i> ) .. }            | G. N. Ry., King's Cross, N.  |
| t ✠ 1866 Feb.     | 6.  | { O'CONNELL, PETER PIERCE<br>LYONS, <i>Maj.-Gen.</i> R.E. <i>ret.</i> }                      | Sibertswold, Highland Road,<br>Bromley, Kent.                                  |
| 1868 Mar.         | 3.  | OGILVIE, PATRICK .. ..   | Hambleton, Hants.  |
| 1901 Mar.         | 5.  | OLIVER, CHARLES .. ..  | { Dept. of Railways and Tramways,<br>Sydney, N.S.W.                            |
| 1898 Dec.         | 6.  | { OWEN, PERCY THOMAS, <i>Lt.-Col.</i><br><i>N.S.W. Headquarters' Staff</i> }                 | Commonwealth Military Head-<br>quarters, Melbourne, Victoria.                  |
|                   |     |  |  |
| 1872 Apr.         | 9.  | PAGET, BERKELEY .. ..  | 2 Laurence Pountney Hill, E.C.   |
| 1877 Jan.         | 16. | PAIN, COARD SQUAREY .. ..  | 51 North John Street, Liverpool.   |
| 1891 Feb.         | 3.  | { *PAUL, ERNEST MONCREIFF,<br><i>Major</i> R.E. .. .. }                                      | R.E. Institute, School of Military<br>Engineering, Chatham.                    |
| 1895 Dec.         | 3.  | { PAULING, GEORGE CRAIG<br>SAUNDERS .. .. }  | 28 Victoria Street, S.W.   |
| 1878 Mar.         | 5.  | PERKS, ROBERT WILLIAM, M.P.  | 11 Kensington Palace Gardens, W.   |
| 1888 Dec.         | 4.  | PERRY, WILLIAM ALFRED ..   | { 2nd Avenue and 71st Street, Bay<br>Ridge, Brooklyn, N.Y., U.S.               |
| 1885 Apr.         | 14. | PESTONJEE, NOWROJEE .. ..  | Ahmedabad, India.  |
| 1862 Mar.         | 4.  | PICKERING, JOHN .. ..  | 110 Lexham Gardens, S.W.   |
| 1869 Dec.         | 7.  | { POLLARD, CHARLES, <i>Lt.-General</i><br>R.E. <i>ret.</i> .. .. }                           | c.o. Grindlay & Co., Parliament St.,<br>S.W.                                   |



| Date of Election. |     | ASSOCIATES.                     |                                       |
|-------------------|-----|---------------------------------|---------------------------------------|
| 1897 Dec.         | 7.  | PRICE, JOHN .. .. .             | 17 Waterloo Place, S.W.               |
| 1872 Jan.         | 9.  | PYE-SMITH, ARTHUR .. ..         | St. Pancras Ironworks, N.W.           |
| 1891 Mar.         | 3.  | RADCLIFFE, ALEXANDER NELSON     | { 20 Craven St., Strand, W.C. (Drac-  |
| 1898 Jan.         | 11. | { RADCLIFFE, PHILIP JOHN ..     | cliffe, London. Gerrard 2505.)        |
|                   |     | { JOSEPH, Captain R.E. ..       | R.E. Office, Royal Barracks, Dub-     |
| 1897 Dec.         | 7.  | RAILTON, JAMES, Jun. .. ..      | lin.                                  |
| 1899 Jan.         | 10. | { RANA, KUMAR NUR SINGH,        | 2 Great George Street, S.W.           |
|                   |     | { Bahadur .. .. .               | Khatmandhu, Nepal, India.             |
| 1883 Dec.         | 4.  | RANDALL, JOSEPH .. .. .         | Warren Lane Works, Woolwich.          |
| T + ✕ 1872 Feb.   | 6.  | REDGRAVE, GILBERT RICHARD       | { Thriffwood, Silverdale, Sydenham,   |
|                   |     |                                 | S.E.                                  |
| t ✕ 1892 Jan.     | 12. | { REDWOOD, Sir BOVERTON,        | 4 Bishopsgate St. Within, E.C.        |
|                   |     | { F.R.S.E.                      | (Olefiant, London.)                   |
| 1859 Feb.         | 1.  | REID, JAMES .. .. .             | 12 Wharf Road, City Road, N.          |
| 1872 May          | 7.  | *REYNOLDS, THOMAS .. ..         | { 18 St. Swithin's Lane, E.C.         |
|                   |     |                                 | (Reynolds, London.)                   |
| 1871 Feb.         | 7.  | RICKMAN, THOMAS MILLER ..       | 8 Montague St., Russell Square, W.C.  |
| 1899 Jan.         | 10. | RIDLEY, THOMAS WILLIAM ..       | Willimoteswick, Coatham, Redcar.      |
| 1895 Dec.         | 3.  | ROBINSON, FREDERICK ARTHUR      | 54 Old Broad Street, E.C.             |
| 1893 Apr.         | 11. | ROBINSON, Sir JAMES CLIFTON     | 16 Great George Street, S.W.          |
| 1859 May          | 3.  | ROBINSON, JOHN .. .. .          | 7 Carteret Street, Westminster, S.W.  |
| 1868 May          | 5.  | RYDON, HORACE JAMES .. ..       | 31 Highbury New Park, N.              |
| 1882 May          | 23. | { SALOMONS, Sir DAVID LIONEL,   | 49 Grosvenor Street, W.               |
|                   |     | { Bart. .. .. .                 |                                       |
| 1884 Jan.         | 8.  | { SANKEY, Sir RICHARD HIERAM,   | 32 Grosvenor Place, S.W.              |
|                   |     | { Lt.-Gen. R.E. ret., K.C.B. .. |                                       |
| 1869 Apr.         | 6.  | { SARGEAUNT, RICHARD ARTHUR,    | Westridge, Aspley Guise, Beds.        |
|                   |     | { Colonel R.E. ret. .. ..       |                                       |
| 1865 Dec.         | 5.  | SCOTT, ARCHIBALD .. .. .        | L. & S.W. Ry., Waterloo, S.E.         |
| 1883 Mar.         | 6.  | { SCOTT, Sir BUCHANAN, Colonel  | 109 Queen's Gate, S.W.                |
|                   |     | { R.E., K.C.I.E. .. .. .        |                                       |
| 1899 Feb.         | 7.  | SCOTT, CHARLES THOMAS .. ..     | Manor House, Beckford, Tewkes-        |
|                   |     |                                 | [bury                                 |
| 1868 May          | 5.  | { SCOTT-MONCRIEFF, Sir COLIN    | 11 Cheyne Walk, Chelsea, S.W.         |
|                   |     | { CAMPBELL, Col. R.E. ret.,     |                                       |
|                   |     | { K.C.S.I., K.C.M.G., LL.D.     |                                       |
|                   |     | { (Edin.) .. .. .               |                                       |
| 1892 Dec.         | 6.  | { SCOTT - MONCRIEFF, GEORGE     | Curragh Camp, co. Kildare.            |
|                   |     | { KENNETH, Colonel R.E.,        |                                       |
|                   |     | { C.I.E. .. .. .                |                                       |
| 1887 Dec.         | 6.  | { SCRATCHLEY, PHILIP ARTHUR,    | 17 Victoria Street, S.W.              |
|                   |     | { M.A. (Oxon.) .. .. .          |                                       |
| 1861 Feb.         | 5.  | { SILVER, HUGH ADAMS, Col. ret. | 23 Redcliffe Square, Kensington, S.W. |
|                   |     | { 4 Vol. Batt. Essex Regt.      |                                       |
| 1897 Dec.         | 7.  | { SIMPSON, EDWARD PERCY,        | 58 Kensington Gardens Square, W.      |
|                   |     | { M.A. (Oxon.) .. .. .          |                                       |
| 1875 Apr.         | 6.  | SMITH, CHARLES .. .. .          | { Park View, Englefield Green,        |
|                   |     |                                 | Surrey. [S.W.                         |
| 1888 Apr.         | 10. | SMITH, JOSEPH HENRY .. ..       | St. Stephen's Club, Westminster.      |
| 1878 Mar.         | 5.  | SPENCER, SAMUEL .. .. .         | { 14 Great St. Thomas Apostle, E.C.   |
|                   |     |                                 | (Tubes, London. Bank 296.)            |
| ✕ 1879 Mar.       | 4.  | SQUIRE, JOHN BARRET .. ..       | { 7 Clifton Hill, St. John's Wood,    |
|                   |     |                                 | N.W.                                  |
| 1862 Jan.         | 14. | STALBRIDGE, Lord, P.C. .. ..    | Motcombe House, Shaftesbury.          |
| 1898 Mar.         | 1.  | STENNING, ALEXANDER ROSE ..     | 121 Cannon Street, E.C.               |

| Date of<br>Election. | ASSOCIATES.  |  |
|----------------------|--|--|
| 1871 Mar. 7.         | STERNE, LOUIS.. ..   | { Donnington House, Norfolk Street,<br>W.C. (Elsterne, London. Gerrard<br>1889.) |
| 1895 Dec. 3.         | STEVENS, GEORGE JAMES ..   | { 61 Beulah Hill, Upper Norwood,<br>S.E.   |
| 1874 Apr. 14.        | STEWART, GILBERT MACLEOD   | Talnotrie, Woking. [S.W.]  |
| 1893 Dec. 5.         | STEWART, JAMES, <i>Major R.E. ret.</i>   | 106 Coleherne Court, The Boltons,  |
| 1905 Mar. 7.         | STUART, THOMAS WILSON ..   | { 7 Livingston Drive, Sefton Park,<br>Liverpool.                                 |
| t † 1862 May 6.      | SUGG, WILLIAM THOMAS.. ..  | Regency St., Westminster, S.W.   |
| 1906 Mar. 6.         | TEMPLETON, ROBERT STANSER  | Survey Department, Ceylon.   |
| 1902 Feb. 4.         | THALLON, JAMES FORSYTH ..  | Railway Dept., Brisbane, Queensland.   |
| 1883 Jan. 9.         | THEOBALD, JOHN WILSON ..   | 8 Fairfield Road, Croydon.   |
| 1859 May 3.          | THOMSON, JOHN .. ..  | { Clutha, Culverden Park, Tunbridge<br>Wells.                                    |
| 1905 Jan. 10.        | { THRELFALL, <i>Professor RICHARD,</i><br>M.A. ( <i>Cantab.</i> ), F.R.S. .. }                               | 30 George Road, Birmingham.  |
| 1880 Jan. 13.        | TOPHAM, WILLIAM HAMPSON..  | { 2 Great George Street, S.W. (Canal,<br>London.)                                |
| 1888 Mar. 6.         | TRAUTWINE, JOHN CRESSON, Jr.   | 257 South 4th St., Philadelphia, U.S.  |
| 1901 Dec. 3.         | { *TRAVERS, HENRY CECIL, <i>Lieut.</i><br>R.G.A. .. .. }   | Ordnance Office, Head Quarters,<br>York.   |
| 1885 Dec. 1.         | TURNER, SAMUEL LUCAS ..  | Placerville, El Dorado Co., Cal., U.S.   |
| 1861 Mar. 5.         | TYER, EDWARD .. ..   | Ashwin Street, Dalston, N.E.   |
| T t † 1853 May 3.    | { TYLER, <i>Sir HENRY WHATELY,</i><br><i>Captain R.E. ret. (former</i><br><i>Associate of Council).</i> .. } | Linden House, Highgate Road, N.W.  |
| 1904 Apr. 12.        | TYLER, WILLIAM FERDINAND   | Shanghai, China.   |
| 1868 Mar. 3.         | VICKERS, ALBERT .. ..  | 28 Victoria Street, S.W.   |
| 1904 Dec. 6.         | VIGERS, LESLIE ROBERT ..   | 4 Frederick's Place, Old Jewry, E.C.   |
| 1869 Dec. 7.         | VIGERS, ROBERT .. ..   | 4 Frederick's Place, Old Jewry, E.C.   |
| 1862 Dec. 2.         | WADDINGTON, JOHN .. ..   | { 35 King William Street, E.C. (Bank<br>518.)                                    |
| 1894 Dec. 4.         | WALKER, CHARLES HAY.. ..   | 15 Great George Street, S.W.   |
| 1898 Jan. 8.         | WATSON, CHARLES HURBACK  | Johnson & Co., Greenhithe, Kent.   |
| 1884 Dec. 2.         | WATSON, <i>Sir WILLIAM</i> .. ..   | { 25 Fitzwilliam Place, Dublin. (Wat-<br>son, Dublin.)                           |
| 1867 May 7.          | WAUGH, HENRY .. ..   | { 195 South Croxted Road, West<br>Dulwich, S.E.                                  |
| 1871 Feb. 7.         | WAUGH, JOHN .. ..  | { Sunbridge Chambers, Bradford.<br>(Powerful, Bradford. 72.)                     |
| 1879 May 6.          | { WESTERN, JAMES HALIFAX, }<br><i>Lt.-Col. R.E. ret., C.M.G.</i> .. }  | Queen Anne's Chambers, West-<br>minster, S.W.                                    |
| 1885 Feb. 3.         | { WHITAKER, WILLIAM,<br>B.A. ( <i>Lond.</i> ), F.R.S. .. .. }  | Freda, Campden Road, Croydon.  |
| 1872 Apr. 9.         | WHITE, FREDERICK ANTHONY   | { 72 Fenchurch Street, E.C. (Avenue<br>5690.)                                    |
| 1874 Dec. 1.         | WILDE, SAMUEL JOHN .. ..   | 10 Serjeants' Inn, Fleet Street, E.C.  |
| 1888 Dec. 4.         | WILLCOX, BENJAMIN .. ..  | 47 Lincoln's Inn Fields, W.C.  |
| 1874 Apr. 14.        | WILSON, <i>Sir ALEXANDER, Bart.</i>  | Cyclops Works, Sheffield.  |

| <u>Date of<br/>Election.</u> | <u>ASSOCIATES.</u>                              |  |
|------------------------------|---|--|
| 1901 Dec. 3.                 | WINN, JOHN, <i>Lieut.-Col.</i> R.E.             | { Fairhaven, Belvedere Road, Wim-<br>bledon, S.W.  |
| 1872 Apr. 9.                 | WISE, <i>Sir</i> WILLIAM LLOYD ..               | { 46 Lincoln's Inn Fields, W.C.<br>(Lloyd Wise, London. P.O. Tele-<br>phone—Central 4775.) |
| 1876 May 2.                  | WOODHOUSE, THOMAS WALTER                        | 3 Earl's Terrace, Kensington, W.   |
| 1874 Mar. 3.                 | WOODS, ARTHUR .. ..                             | 18 Kensington Garden Terrace, W.   |
| 1882 Dec. 5.                 | YERBURGH, JOHN EARDLEY ..                       | 21 Queen Anne's Gate, S.W.   |
| 1886 Feb. 2.                 | { YOUNG, CARMICHAEL LIGHT,<br>Col. R.E. .. .. } | Haileybury College, Hertford.  |
| 1891 Dec. 1.                 | YOUNG, JOHN PRATT .. ..                         | { Brent Knoll, Chantry Road,<br>Moseley, Birmingham.                                       |
| 1877 Feb. 6.                 | YOUNG, SEPTIMUS .. ..                           | 5 Victoria Street, S.W.  |

Total number of Associates .. .. 266.



## STUDENTS.

[Stud. Inst. C.E.]

|   | Date of<br>Admission. | STUDENTS.  |  |
|---|-----------------------|--|--|
|   | 1904 Mar. 22.         | ABBATT, FRANK WARNER ..  | 33 Mattock Lane, Ealing, W.                                    |
| B | 1900 Jan. 9.          | ABLETT, CHARLES ANTONY ..  | { Pembroke Lodge, Outram Road,<br>Addiscombe, Surrey.          |
|   | 1905 Mar. 28.         | ADAMS, DAVID .. .. .   | { Main Drainage Works, Partick,<br>Glasgow.                    |
|   | 1906 Mar. 27.         | ADAMSON, EDWARD .. .. .  | { 10 Victoria Road, Waterloo, Liver-<br>pool.                  |
|   | 1902 Mar. 25.         | AHSAN, MOHOMED .. .. .   | { Saifabad. c.o. Nawab Vicar Nawar<br>Jing, Hyderabad, Deccan. |
|   | 1905 Mar. 28.         | AINSWORTH, GUY BEAUMONT ..   | 136 Hyde Road, Gorton, Manchester.                             |
|   | 1905 Nov. 14.         | AINSWORTH, JOHN PERCY ..   | Albion Place, Bury, Lancashire.                                |
|   | 1901 Dec. 17.         | AITKEN, KENNETH EDMONDSTONE  | { M. Ry., Eng.'s Office, 200 Bradford<br>Road, Huddersfield.   |
|   | 1905 Mar. 28.         | ALDINGTON, HUBERT EDWARD   | Eng.'s Office, G.W.Ry., Neath.                                 |
|   | 1904 Mar. 15.         | ALDOUS, FREDERICK GRAY ..  | { C. J. Wills & Sons, Henley-in-Arden,<br>Warwickshire.        |
|   | 1906 Mar. 27.         | ALDRED, ARTHUR .. .. .   | { Crafnant, Ellesmere Park, Eccles,<br>Manchester.             |
|   | 1903 Mar. 24.         | ALEXANDER, JOHN EDWARD ..  |  |
|   | 1903 Mar. 24.         | ALLEN, GEORGE READ .. ..   | Ashlands, Ashton-on-Mersey.                                    |
|   | 1905 Mar. 28.         | { ALLEN, RICHARD MARSH<br>WILLIAM .. .. .                                  | { Camden Villa, Wrotesley Road,<br>Plumstead.                  |
|   | 1898 Dec. 20.         | ALLEN, RUPERT STANLEY ..   | Bromham House, Bromham, Bedford.                               |
|   | 1903 Mar. 24.         | ALLIN, RUSSELL VINCENT ..  | 28 Grand Avenue, Muswell Hill, N.                              |
|   | 1906 Mar. 27.         | ALLISON, LOUIS GEORGE ..   | Endyne, Oakshaw Street, Paisley.                               |
|   | 1900 Mar. 27.         | ALLOTT, CHARLES WILLIAM ..   | Erlsmere, Old Trafford, Manchester.                            |
|   | 1904 Mar. 29.         | AMOORE, HENRY JAMES .. ..  | Public Offices, Southall.                                      |
|   | 1905 Nov. 14.         | ANDERSON, ALEXANDER COLIN  | Stenries, Oaken, nr. Wolverhampton.                            |
|   | 1905 Nov. 28.         | ANDERSON, ARCHIBALD ROBERT   | { Royal Indian Engineering College,<br>Coopers Hill, Surrey.   |
|   | 1905 Nov. 14.         | { ANDERSON, FREDERICK,<br>B.Sc. ( <i>Edinburgh</i> ) .. .. .               | { The Manse, Fettercairn, Laurence-<br>kirk.                   |
|   | 1905 Dec. 5           | { ANDERSON, FREDERICK WIL-<br>LIAM .. .. .                                 | { Dock House, Boston, Lines.                                   |
|   | 1904 Nov. 8.          | ANDERSON, PAUL ALEXANDER   | Ballymountain, Waterford, Ireland.                             |
|   | 1903 Jan. 27.         | ANDOE, HILARY REGINALD ..  | { 44 Albert Hall Mansions, South<br>Kensington, S.W.           |
|   | 1903 Mar. 10.         | { ANDREWS, EWART SIGMUND,<br>B.Sc. ( <i>Engineering</i> ) ( <i>Lond.</i> ) | { 79 Aberdeen Road, Highbury.                                  |
|   | 1903 Nov. 10.         | ANGUS, ROBERT JOHN .. ..   | { 28 St. Nicholas Road, Upper<br>Tooting, S.W.                 |
|   | 1900 Nov. 27.         | APTED, FRANK EARDLEY ..  | { County Engineer's Dept., Guildhall,<br>Westminster, S.W.     |
|   | 1905 Jan. 10.         | { ARCHIBALD, ROBERT DOUGLAS,<br>B.Sc. ( <i>Glas.</i> ) .. .. .             | { Electric Construction Co., Wolver-<br>hampton.               |
|   | 1900 Mar. 27.         | { ARGYLE, REGINALD EDWARD<br>VERE .. .. .                                  | { Engineer's Office, Royapuram, Mad-<br>ras Ry., Madras.       |
| B | 1901 Dec. 11.         | ARIES, RONALD BUGLER .. ..   | { S. Pearson & Son, Punta Arenas,<br>Chili.                    |
|   | 1905 Nov. 14.         | ARNALL, ARTHUR THOMAS ..   | { 20 Selwyn Road, Edgbaston, Bir-<br>mingham.                  |
|   | 1903 Nov. 24.         | ARNOTT, CHARLES DUDLEY ..  | Seacroft, The Cliffs, Gorleston.                               |

| Date of Admission. | STUDENTS.  |  |
|--------------------|--|--|
| 1905 Mar. 28.      | ARTHUR, SAMUEL HYSLOP ..                                   | 8 Highburgh Road, Glasgow.                                     |
| 1905 Mar. 7.       | ASH, ARTHUR STANLEY .. ..                                  | Victoria House, Pembroke Square, W.                            |
| 1902 Nov. 5.       | ATCHERLEY, LEWIS WINTER ..                                 | 13 Hinde St., Manchester Square, W.                            |
| 1904 Nov. 15.      | ATCHISON, CHARLES FOSTER ..                                | { 21 Ladbroke Road, Notting Hill Gate, W.                      |
| 1900 Nov. 27.      | { ATKINS, MALCOLM RAMSAY, }<br>B.Sc. (Engineering) (Lond.) | Derby Corporation Sewerage Works, Spondon, near Derby.         |
| 1905 Nov. 28.      | ATKINSON, VIVIAN BUCHANAN                                  | Barlaston, Stoke-on-Trent.                                     |
| 1905 Mar. 28.      | AYLWARD, RICHARD NUNN ..                                   | { Begg, Sutherland & Co., Cawnpore, India.                     |
| 1901 Dec. 11.      | AYRIS, HENRY HAWKSLEY ..                                   | { Southend Waterworks Co., 13 Cambridge Road, Southend-on-Sea. |
| 1905 Nov. 14.      | AZZOPARDI, GUSTAVUS .. ..                                  | 16 Monmouth Road, Bayswater, W.                                |
| 1900 Nov. 27.      | BACON, FREDERIC, B.A. (Cantab.)                            | { Royal Naval College, Greenwich, S.E.                         |
| 1906 Mar. 20.      | BACON, JAMES, JUNR. .. ..                                  | King's College, Strand, W.C.                                   |
| 1905 Dec. 12.      | { BACON-PHILLIPS, JAMES PRICE }<br>ROSCOMMON THOMAS BACON  | Crowhurst Rectory, Sussex.                                     |
| 1904 Mar. 29.      | BADDELEY, GEORGE HENRY ..                                  | { Lonsdale Villa, Binley Road, Coventry.                       |
| 1904 Mar. 29.      | BAILLIE, THOMAS HAMILTON ..                                | 3 Chichester Street, Pimlico, S.W.                             |
| 1899 Nov. 28.      | BAIN, HAROLD BROOKLYN ..                                   | Leaholme, Great Crosby, Liverpool.                             |
| 1903 Nov. 24.      | BAINES, GEORGE NORMAN ..                                   | Engineer's Office, N.E. Ry., York.                             |
| 1904 Feb. 9.       | BAISSAC, CHARLES MAURICE ..                                | { 76 Chesilton Road, Munster Park, Fulham, S.W.                |
| 1902 Dec. 9.       | BAKER, JOHN ALFRED .. ..                                   | P.W.D., Amraoti, Berars, India.                                |
| 1903 Nov. 17.      | BALDING, CHARLES JOHN ..                                   | { B. N. Ry., c.o. Grindlay & Co., Calcutta.                    |
| 1904 Mar. 29.      | BALL, ERNEST .. .. .                                       | 26 Riding Street, Southport.                                   |
| 1901 Nov. 19.      | BALL, JAMES DUDLEY WARD ..                                 | { Engineer's Office, L. & N.W. Ry., Euston, N.W.               |
| 1900 Mar. 13.      | { BALLANTYNE, WILLIAM HENRY, }<br>B.Sc. (Glas.) .. .. .    | 111 Hatton Garden, E.C.  |
| 1905 Mar. 14.      | { BANCROFT, NATHANIEL WAST- }<br>INGTON .. .. .            | 128 Gower Street, W.C.   |
| 1903 Nov. 24.      | BANISTER, WALTER GEORGE ..                                 | { Shufakhana P.O., Nainital District, India.                   |
| 1904 Mar. 29.      | BARBER, SYDNEY STUART ..                                   | { Dunblane, St. Helens Crescent, Hastings.                     |
| 1904 Mar. 29.      | BARKER, ARTHUR STANLEY ..                                  | Ashleigh, Horbury, Leeds.                                      |
| 1903 Mar. 24.      | BARLOW, ALFRED .. .. .                                     | 35 Trinity Street, Huddersfield.                               |
| 1905 Nov. 14.      | BARLOW, THOMAS MORGAN ..                                   | { Regent Street, Wellington, Shropshire.                       |
| 1906 Mar. 27.      | BARNES, JOHN RAYMOND ..                                    | 3 Lullington Road, Anerley, S.E.                               |
| 1903 Nov. 24.      | BARNES, LESLIE HOLDING ..                                  | { Sub Division, Abu Road, Rajputana, India.                    |
| 1900 Dec. 18.      | BARNETT, CECIL GUY .. ..                                   | May Mys, Upper Burma.  |
| 1902 Mar. 25.      | BARRACK, JOHN CHARLES ..                                   | Dunbury, Epsom.  |
| 1905 Nov. 14.      | { BARRINGTON - WARD, VICTOR }<br>MICHAEL .. .. .           | Thorneloe Lodge, Worcester.                                    |
| 1904 Mar. 29.      | BARRY, ARTHUR PAUL .. ..                                   | Home Place, Limpsfield, Surrey.                                |
| 1903 Mar. 24.      | BARTON, GEOFFREY BUTLER ..                                 | 16 Linnæus Street, Hull.                                       |
| 1906 Mar. 20.      | BASCOMBE, EDISS LANCELOT ..                                | Milton House, Bathwick Hill, Bath.                             |
| 1902 Dec. 2.       | BASTA, HABEEB .. .. .                                      | { Scott & Mountain, Newcastle-on-Tyne.                         |
| 1905 Mar. 14.      | { BATEMAN, RICHARD JOHN }<br>SACHEVEREL, B.A. (Cantab.)    | { Eng.'s Office, Castle Carrock, nr. Carlisle.                 |
| 1905 Nov. 28.      | BATES, FRANK .. .. .                                       | { 3 Officers' Quarters, Enfield Lock, Middlesex.               |

| Date of Admission. | STUDENTS.  |   |
|--------------------|--|---|
| 1903 Dec. 22.      | {BATSON, REGINALD GEORGE<br>CYRIL .. .. .}               | 29 Congo Road, Plumstead, Kent.                                   |
| 1906 Mar. 27.      | BATLEY, RICHARD CLARKSON                                 | The University, Leeds.  |
| 1904 Nov. 29.      | BATTLE, FREDERICK ALWYN ..                               | The University, Leeds.  |
| 1902 Nov. 5.       | BATTLE, PHILIP MARFLEET ..                               | 34 Walker Road, Harrogate, Yorks.                                 |
| 1906 Mar. 27.      | BAUMGARTNER, REGINALD JOHN                               | A. E. Carey, 3 Victoria Street, S.W.                              |
| 1906 Mar. 27.      | BAXTER, GEORGE SIMPSON ..                                | {Somersdale, Dalmuir, Dumbarton-shire.                            |
| 1905 Nov. 28.      | BAXTER, GEORGE THWAITES ..                               | {9 Morella Road, Wandsworth Common, S.W.                          |
| 1903 Mar. 17.      | BAXTER, HAROLD HOSIER ..                                 | {70 Thornfield Road, Uxbridge Road, W.                            |
| 1904 Nov. 22.      | BAXTER, NORMAND BERNARD                                  |   |
| 1904 Dec. 13.      | {BEALE, ALFRED MARTIN.<br>B.Sc. (Engineering) (Lond.)}   | Hyde Court, Chalford, Glos.                                       |
| 1902 Mar. 25.      | BEAUMONT, ROLAND HIRST ..                                | Holme Lea, Grenoside, Sheffield.                                  |
| 1899 Nov. 28.      | BEAZLEY, ARTHUR TETLEY ..                                | Oak Dene, Noctorum, Birkenhead.                                   |
| B 1903 Nov. 24.    | BECHER, LANCELOT EDWARD ..                               | Southwell, Notts.   |
| 1905 Nov. 28.      | BECKER, HENRY ISAAC .. ..                                | 97 Caerleon Road, Newport, Mon.                                   |
| 1903 Mar. 24.      | {BEDFORD, FREDERICK GORDON<br>HAY .. .. .}               | 2 Maldon Terrace, Heaton, Newcastle-on-Tyne.                      |
| 1905 Dec. 12.      | BEG, MIRZA AKBER .. ..                                   | {135 Upper Brook Street, C.-on-M., Manchester.                    |
| 1903 Dec. 22.      | BEGGS, GEORGE ARTHUR ..                                  | 24 Mecklenburgh Square, W.C.                                      |
| 1904 Nov. 22.      | {BELL, HAROLD PERCY, B.Sc.<br>(Durham) .. .. .}          | Clyvedon, Cleadon, Sunderland.                                    |
| 1906 Mar. 27.      | BELL, HERBERT JASPER .. ..                               | {The Grange, Brinton, Melton Constable.                           |
| 1900 Nov. 27.      | BELOE, WILFRID .. .. .                                   | Recliffe, Linnet Lane, Liverpool.                                 |
| 1904 Feb. 9.       | {BENDER, WILLIAM EDWARD<br>GUSTAVE .. .. .}              | Bengal & N.W.Ry., Bhadda, Gorakhpur, India.                       |
| 1902 Mar. 25.      | BENNETT, DOUGLAS RAYMOND                                 | L. & S.W. Ry., Eastleigh, Hants.                                  |
| 1904 Nov. 29.      | {BENNETT, GEORGE ERNEST,<br>B.Sc. (Victoria) .. .. .}    | Eng.'s Office, Kemys Bridge, near Usk, Mon.                       |
| 1906 Mar. 27.      | BENNETT, JAMES SKEA .. ..                                | {Glasgow Main Drainage Works, Partick, Glasgow.                   |
| 1902 Mar. 25.      | {BENNETT-POWELL, PERCIVAL<br>GORDON .. .. .}             | Normanhurst, Harlesden, N.W.                                      |
| 1904 Mar. 29.      | BENTALL, ROBERT ANTHONY ..                               | Borough Engineer's Office, Worthing.                              |
| 1905 Nov. 14.      | BENTON, GERALD HUGH ..                                   | Waterperry, Wood Lane, Highgate.                                  |
| 1903 Mar. 24.      | BERRIMAN, ALGERNON EDWARD                                | {128 Fordwych Road, West Hampstead, N.W.                          |
| 1906 Feb. 20.      | {BEST, CHARLES WALTER MAY-<br>BERRY, B.A. (Oxon.) .. ..} | Penbryn, Brecon, South Wales.                                     |
| 1905 Mar. 28.      | BEST, EUSTACE CHARLES ..                                 | {44 Leamington Road Villas, Bayswater, W.                         |
| 1905 Mar. 28.      | {BEVAN, GILBERT JOHN BECK-<br>FORD .. .. .}              | Felsham, Bury St. Edmunds.  |
| 1904 Nov. 8.       | BEVERLEY, BASIL FREER ..                                 | Budleigh, Weston-super-Mare.                                      |
| 1905 Nov. 28.      | {BICKNELL, ARNOLD GILBERT<br>WIMBERLEY .. .. .}          | 16 Victoria Cottages, Archway Road, Highgate, N.                  |
| 1904 Mar. 22.      | BIDEN, SODEN WILLIAM .. ..                               | {Bahadurganj, Gonda District, N.W.P., India.                      |
| 1902 Nov. 5.       | BILGRAMI, SYED MUJTABA ALI                               | King, King & Co., Bombay.   |
| 1906 Mar. 27.      | BILHAM, EDWARD CHARLES ..                                | 11 Cambridge Rd., Southend-on-Sea.                                |
| 1906 Mar. 27.      | {BILLINGHURST, RAYMOND<br>WILLIAM BOWEN .. .. .}         | The Godwins, Sutton, Surrey.                                      |
| 1905 Nov. 28.      | BLACKBURN, ROBERT .. ..                                  | The University, Leeds.  |
| 1905 Apr. 11.      | BLACKWOOD, JAMES FULTON ..                               | Craigiehaugh, Port Glasgow. [ton.                                 |
| 1902 Dec. 2.       | BLAKER, CHARLES EDWARD ..                                | Riverside, Leam Terrace, Leamington.                              |
| 1906 Mar. 27.      | BLIZARD, JAMES MORTIMER ..                               | 5 Roman Road, Bemeston, Salisbury.                                |
| 1902 Dec. 2.       | {BLOMFIELD, EDWARD VALEN-<br>TINE .. .. .}               | Engineer's Office, N. E. Ry., Central Station, Newcastle-on-Tyne. |



| Date of Admission. | STUDENTS.  |  |
|--------------------|--|--|
| 1904 Dec. 20.      | BOFF, MARCUS CHARLES ..                                      | 60 William Street, Woolwich, S.E.                                  |
| 1905 Mar. 28.      | BONNER, ROBERT .. .. .                                       | { Contractor's Office, Queen's Road, Belfast.                      |
| 1905 Jan. 10.      | BOOTH, PATRICK DICK .. ..                                    | 87 Comely Bank Avenue, Edinburgh.                                  |
| 1901 Feb. 26.      | BOOTHROYD, JOSEPH .. ..                                      | 39 St. Paul's Road, Bradford.                                      |
| 1903 Nov. 10.      | { BORN, GEORGE WILLIAM<br>MAXIMILIAN .. .. . }               |  |
| 1902 Nov. 25.      | { BOSWALL, ROBERT OLIPHANT,<br>B.Sc. (Engineering) (Lond.) } | 50 Southgrove Road, Sheffield.                                     |
| 1903 Feb. 3.       | BOWEN, SYDNEY .. .. .  | Lyndhurst, Llanelly.   |
| 1904 Nov. 8.       | BOWERS, LEOPOLD JOHN GEORGE                                  | { Topham, Jones & Railton, New Dock Contract, Swansea.             |
| 1902 Apr. 8.       | BOWLER, FREDERICK THOMAS.                                    | G.W.Ry., Engineer's Office, Neath.                                 |
| 1902 Nov. 5.       | BOWLER, LIONEL VICTOR ..                                     |  |
| 1903 Mar. 24.      | BRADFORD, JOHN HOWARD PENNY                                  | King, King & Co., Bombay.  |
| 1900 Mar. 27.      | BRADLEY, CECIL GUSTAV ..                                     | Town Hall, Leigh, Lanes.   |
| 1903 Nov. 24.      | BRADLEY, CHARLES HENRY ..                                    | 47 Beeches Road, West Bromwich.                                    |
| 1903 Mar. 24.      | BRAMHAM, WILLIAM CAMPBELL                                    | { 115 Broadhurst Gardens, Hampstead Road, N.W.                     |
| 1906 Mar. 27.      | BRANDON, CYRIL .. .. .                                       | { 3 Longroyd Terrace, Dewsbury Road, Leeds.                        |
| 1905 Nov. 28.      | BRANSTON, ERNEST RICHARD                                     | 24 Mount Preston, Leeds.   |
| 1901 Nov. 19.      | BREBNER, ALEXANDER .. ..                                     | 28 Hermitage Gardens, Edinburgh.                                   |
| 1904 Dec. 20.      | { BRIDGE, GEORGE EDMUND<br>WALKER .. .. . }                  | Oakleigh, Low Fell, Gateshead.                                     |
| 1904 Mar. 29.      | { BRIGGS, RICHARD JOHN<br>PERCIVAL .. .. . }                 | St. Nicholas Vicarage, Rochester.                                  |
| 1903 Mar. 24.      | BRIGHT, ARTHUR KINGSLEY ..                                   | { Lea Hurst, Mapperley Road, Nottingham.                           |
| 1902 Mar. 25.      | BRISTOW, ALFRED HENRY ..                                     | { Mrs. Briggs, Novington Lane, Plumpton, near Lewes.               |
| 1906 Mar. 6.       | BROCKMAN, GEOFFREY DRAKE                                     | { Engineering Surveys Branch, Public Works Department, Perth, W.A. |
| 1904 Mar. 29.      | BROOM, TALBOT COTTOM ..                                      | Greenbank, Rainhill, Lanes.  |
| 1905 Mar. 28.      | BROWN, ROBERT DUNLOP, JIM.                                   | { Main Drainage Works, Partick, Glasgow.                           |
| 1903 Mar. 24.      | BROWN, THOMAS STANLEY ..                                     | 68 Palatine Road, West Didsbury.                                   |
| 1905 Dec. 5        | BROWNING, WILLIAM .. ..                                      | { H. O. Groves, Laurel Bank, Mornington Road, Sale, Ches.          |
| 1906 Mar. 27.      | BRUCE, KENNETH .. .. .                                       | { 26 Northumberland Square, North Shields.                         |
| 1905 Nov. 14.      | BUCHANAN, JOHN HAROLD ..                                     | { "Sherwood," South Lauder Road, Edinburgh.                        |
| 1906 Mar. 27.      | BUCKLER, CECIL CROSSLEY ..                                   | { Eng.'s Office, Wear Commission, Sunderland.                      |
| 1899 Nov. 28.      | BULL, EDWIN MASSEY .. ..                                     | { Surveyor's Office, Church End, Finchley, N.                      |
| 1902 Dec. 2.       | BULLOCK, FRANK HARRISON ..                                   | 67 King Street, Manchester.  |
| 1906 Mar. 27.      | BUNTINE, ROBERT .. .. .                                      | Comely Bank, Leven, Fife.  |
| 1902 Nov. 5.       | BURKITT, FRANCIS HOLY ..                                     | Jhelam Canal, Sarghoda, Punjab.                                    |
| 1905 Nov. 14.      | BURN, WALTER .. .. .   | { c.o. D. T. Keymer, 1 Whitefriars Street, E.C.                    |
| 1903 Mar. 24.      | BURNET, JAMES .. .. .  | 16 Charles Street, Langholm.                                       |
| 1903 Nov. 24.      | { BURR, FRANCIS WILLIAM MAN-<br>FRED .. .. . }               | Mexican Light & Power Co., 22 San José el Real, Mexico City.       |
| 1906 Mar. 27.      | BURROW, WILLIAM BERNARD ..                                   | 3 Lansdowne Place, Plymouth.                                       |
| 1901 Nov. 19.      | BURTON, WILLIAM ARTHUR ..                                    | { Thos. Firth & Sons, Norfolk Works, Sheffield.                    |
| 1903 Mar. 24.      | BURTON, WILLIAM MAINWARING                                   | 17 The Causeway, Horsham.  |
| 1904 Nov. 29.      | { BURY, LINDSAY EDWARD, B.A.<br>(Cantab.) .. .. . }          | c.o. Mrs. Bury, 8 Cheniston Gardens, Kensington, W                 |
| m 1904 Mar. 29.    | BURY, RONALD EDWARD ..                                       | E. I. Ry., Lillooah, Calcutta.                                     |

| Date of Admission. | STUDENTS.   |  |
|--------------------|---|--|
| 1903 Mar. 24.      | BUTLER, RALPH WILLIAM ..  | Boro' Surveyor's Office, Devonport.                              |
| 1903 Nov. 24.      | { BUTLER, ROBERT THOMAS ..<br>ROWLEY PROBYN .. .. }                 | Shahdera-Sangla Ry., Shahdera, Lahore.                           |
| 1905 Nov. 28.      | BUTLER, THEOBALD STUART ..  | { R. H. F. Stuart. F.C.G.O.A., Mendoza, Argentina.               |
| 1905 Mar. 14.      | { BUTLER, WILLIAM MARTIN, ..<br>B.A. ( <i>Cantab.</i> ) .. .. }     | Wood End, Weybridge.   |
| 1904 Nov. 15.      | BUTTEMER, ROBERT WILLIAM  | L. D. & E. C. Ry., Chesterfield.                                 |
| 1905 Jan. 24.      | { BYRD, HUGH LINLEY, ..<br>B.Eng. ( <i>Liverpool</i> ) .. .. }      | 165 Lauderdale Mansions, Maida Vale, W.                          |
| 1902 Dec. 2.       | CABLE, FREDERIC WILLIAM ..  | C. N. Lailey, 53 Victoria Street, S.W.                           |
| 1905 Nov. 21.      | { CALDWELL-SMITH, ALISTAIR ..<br>SINCLAIR MACDONALD .. .. }         | Dryburgh House, Putney, S.W.                                     |
| 1898 Dec. 20.      | CALVI, ALBERTO ULISSE .. ..   | Cairo.   |
| 1899 Nov. 28.      | CAMPBELL-BAYARD, STEPHEN  | Cotswold, Wallington, Surrey.                                    |
| 1905 Jan. 31.      | CANNEY, CHARLES CAMPBELL  | University College, Gower St., W.C.                              |
| 1903 Mar. 24.      | CAPITO, CHARLES ERIK .. ..  | Assam Oil Co., Digboi, Assam.                                    |
| 1906 Mar. 27.      | { CARDEW, JOHN HAYDON, ..<br>M.Sc. ( <i>McGill</i> ) .. .. }        | 95 Cyprus Street, Stretford, Manchester.                         |
| 1903 Mar. 24.      | CARLETON, HUGH THOMAS ..  | Westlands, Cupar.  |
| 1903 Nov. 10.      | CARMICHAEL, ARCHIBALD ..  | { Building Works Dept., Royal Arsenal, Woolwich.                 |
| 1905 Nov. 14.      | CARR-GOMM, MARK CULLING   | 2 Buckingham Palace Gardens, S.W.                                |
| 1905 Mar. 28.      | CARROLL, ARTHUR LEONARD ..  | Bengal-Nagpur Ry., Gidni, India.                                 |
| 1905 Feb. 7.       | CARSON, CHARLES GEORGE ..   | { 14 Fellows Road, South Hampstead N.W.                          |
| 1902 Mar. 25.      | CARTER, DANSIE WILLIAM ..   | 111 Victoria Road, Old Charlton, S.E.                            |
| 1906 Mar. 27.      | CARTER, GEORGE HERBERT ..   | { 11 Bramley Lane, Lightcliffe, Halifax.                         |
| 1903 Nov. 24.      | CARTER, THOMAS BIRCHALL ..  | First Circle Irrigation, Cairo.                                  |
| 1904 Nov. 29.      | CARTY, EDWARD GODFREY ..  | Burtown, Athy. Co. Kildare.                                      |
| 1901 Jan. 22.      | CARTY, SAMUEL WILFRID ..  | { 11 Ridley Place, Newcastle-on-Tyne.                            |
| 1901 Nov. 19.      | CASE, GERALD OTLEY .. ..  | 15 Tothill Street, S.W.  |
| 1902 Nov. 5.       | { CHALMERS, CHARLES STUART, ..<br>B.Sc. ( <i>Victoria</i> ) .. .. } | O. & R. Ry., Lucknow, India.                                     |
| 1903 Nov. 10.      | { CHALMERS, ROBERT, ..<br>B.Sc. ( <i>St. Andrews</i> ) .. .. }      | S. Pearson & Son, 1st Avenue, and E. 33rd Street, New York, U.S. |
| 1905 Mar. 28.      | CHAPMAN, HERBERT JOHN ..  | { Rose Cottage, St. Philip's Road, Newmarket.                    |
| 1901 Mar. 26.      | CHAPPELL, EDWIN .. ..   | Red Cottage, Weybridge.  |
| 1906 Mar. 27.      | CHASE, CHARLES EDWARD ..  | { 7 Wilton Road, Merton Park, Wimbledon, S.W.                    |
| 1905 Nov. 21.      | { CHATTERJEE, KUSUM KUMAR, ..<br>B.A. ( <i>Calcutta</i> ) .. .. }   | Royal Indian Engineering College, Coopers Hill, Surrey.          |
| 1902 Nov. 18.      | CHESTERFIELD, EDWARD PERCY  | { Nagda-Muttra Ry., Jaipur, Rajputana.                           |
| 1905 Nov. 14.      | { CHICHESTER, SHANE RANDOLPH, ..<br>B.A. ( <i>Cantab.</i> ) .. .. } | c.o. Lady Chichester, 9 Ralston Street, Tedworth Square, S.W.    |
| 1904 Mar. 29.      | CHIPPINDALE, ISAAC MURRAY   | Scholes, near Leeds.   |
| 1906 Jan. 16.      | { CHOWDRY, KRISHNA CHANDRA RAY .. .. }                              | The University, Manchester.                                      |
| 1903 Nov. 17.      | { CHURCHER, WILLIAM ROY ..<br>MILTON .. .. }                        | { James Simpson and Co., 101 Grosvenor Road, S.W.                |
| 1903 Nov. 17.      | CLARK, DAVID .. ..  | 1 Market Street, Aberdeen.                                       |
| 1903 Mar. 24.      | CLARKE, ASHIFORD VINCENT ..   | 5 Harsnett Road, Colchester.                                     |
| 1903 Nov. 10.      | CLARKE, ERNEST .. ..  | { Water Works Eng.'s Dept., Municipal Offices, Liverpool.        |
| 1903 Nov. 24.      | CLARKE, GEOFFREY .. ..  | { P.W.D., Mons Canal Division, Minbu, Burma.                     |

| Date of Admission. | STUDENTS.   |  |
|--------------------|---|--|
| 1905 Nov. 14.      | CLARKE, JOSEPH HUTCHINSON                                 | { Gayton Grange, near Heswall, Cheshire.                       |
| 1901 Nov. 19.      | CLARKE, REGINALD HAWLEY ..                                | { 17 Elmdale Rd., Tyndall's Park, Bristol.                     |
| 1903 Nov. 10.      | CLAYDEN, ARTHUR LUDLOW ..                                 | { 6 Churchways Crescent, Horfield, Bristol.                    |
| 1904 Nov. 8.       | { CLIFT, FRANK CHARLES LECH-MERE .. .. . }                |  |
| 1902 Jan. 21.      | CLOSE, ARTHUR MELVILL ..                                  | P.W.D., Banda, U.P., India.                                    |
| 1903 Mar. 24.      | CLOUGH, FREDERICK HAROLD ..                               | 7 Beach Terrace, Sheerness-on-Sea.                             |
| 1905 Jan. 10.      | { COATS, JAMES RICHARDSON, B.Sc. (Glas.) .. .. }          | Glasgow Main Drainage, Partick, Glasgow.                       |
| 1906 Mar. 27.      | COBB, JOHN MANSFIELD .. ..                                | { Eng.'s Office, Kemey's Bridge, nr. Usk, Mon.                 |
| 1904 Dec. 13.      | COCHRANE, JAMES .. .. .                                   | { Spanish Tale and Ochre Co., Ltd., Malaga, Spain.             |
| 1903 Mar. 24.      | COCHRANE, MORTON FARRER ..                                | { Topographical Surveys Branch, Dept. of the Interior, Ottawa. |
| 1904 Mar. 29.      | COCHRANE, WILLIAM HENRY ..                                | 66 Warwick Rd., S.Kensington, S.W.                             |
| 1903 Nov. 17.      | COCKBURN, HENRY .. .. .                                   |  |
| 1906 Feb. 27.      | COHEN, ALEXANDER JOSEPH ..                                | { 1 Russell Mansions, Southampton Row, W.C.                    |
| 1904 Nov. 29.      | { COLAM, HAROLD NUGENT, B.A. (Cantab.) .. .. }            | Jhuthpur-Bikanir Ry., Jhuthpur, Rajputana.                     |
| 1905 Nov. 28.      | COLE, CHARLES PHILIPS .. ..                               | 7 Manor Grove, Beckenham, Kent.                                |
| 1904 Nov. 29.      | { COLEGATE, WILLIAM ARTHUR, B.Sc. (Engineering) (Lond.) } | 206 Denmark Hill, S.E.   |
| 1904 Dec. 20.      | COLES, STANLEY .. .. .                                    | { 7 Balham Park Mansions, Balham, S.W.                         |
| 1906 Mar. 27.      | COLLETT, REGINALD ALFRED                                  | 63 Carlton Mansions, Maida Vale, W.                            |
| 1905 Jan. 31.      | COLLIER, FRANK JACKSON ..                                 | 162 Ladbroke Grove, Notting Hill, W.                           |
| 1904 Nov. 29.      | COLLINGHAM, ROBERT HUGH ..                                | Elleray, The Park, Hull.                                       |
| 1904 Mar. 15.      | COLLINS, ROBERT HAYES ..                                  | 69 Ritherdon Road, Balham, S.W.                                |
| 1901 Nov. 19.      | COLLINS, WILLIAM ALFRED ..                                | 9 Oldfield Terrace, Acton Vale.                                |
| 1905 Nov. 14.      | COLLY, HAROLD DAVID .. ..                                 | { 121 Wilberforce Road, Finsbury Park, N.                      |
| 1903 Mar. 24.      | COLMAN, ALAN .. .. .                                      | P.O. Box 90, Bethlehem, O.R.C.                                 |
| 1904 Nov. 8.       | COMBE, EDMOND .. .. .                                     | { Buenos Ayres and Great Southern Railway, Buenos Ayres.       |
| 1906 Apr. 10.      | CONNELL, CECIL BOURKE ..                                  | { Royal Indian Engineering College, Coopers Hill, Staines.     |
| 1905 Nov. 28.      | CONNOR, GEORGE POWELL ..                                  | { Royal Indian Engineering College, Coopers Hill, Surrey.      |
| 1905 Nov. 28.      | COOK, FRANK LEONARD .. ..                                 | 45 Parkfield Road, Liverpool, S.                               |
| 1899 Nov. 28.      | COOK, JAMES .. .. .                                       | { 4 MacLennan Street, Mount Florida, Glasgow.                  |
| 1905 Jan. 31.      | COOKE, BASIL GIRAUD .. ..                                 | 150 Oakwood Court, Kensington, W.                              |
| 1905 Nov. 14.      | COOPER, FRANCIS COLLIER ..                                | { Central Technical College, South Kensington, S.W.            |
| 1906 Mar. 27.      | COOPER, GORDON .. .. .                                    | { Niven & Haddin, 131 West Regent Street, Glasgow.             |
| 1906 Mar. 20.      | COOPER, HOWARD .. .. .                                    | { Central Technical College, Exhibition Road, S.W.             |
| 1905 Nov. 28.      | COOPER, JOSEPH CROWTHER ..                                | 89 Hall Road, Stockport, Ches.                                 |
| 1904 Mar. 29.      | COOPER, WILLIAM GODFREY ..                                | { Mrs. Gullely, 14 Gill Side Grove, Roker, Sunderland.         |
| 1903 Mar. 31.      | { COOPER-KING, MAXIMILIAN KNIGHT .. .. }                  | Kingscote, Egham Hill, Surrey.                                 |
| 1906 Mar. 27.      | COORE-MEIN, OWEN .. .. .                                  | St. David's, Oswestry.   |
| 1904 Apr. 12.      | CORTIS, HERBERT BRUCE ..                                  | { 271 Lauderdale Mansions, Maida Vale, W.                      |



| Date of Admission. | STUDENTS.  |   |
|--------------------|--|---|
| 1903 Nov. 24.      | CORY, EDGAR MYRIE .. ..                                    | { 19 Palace Mansions, Addison Bridge, W.                        |
| 1904 Dec. 20.      | COTTERILL, HWFA REGINALD ..                                | 24 Manor Place, Edinburgh.                                      |
| 1902 Feb. 4.       | COTTEW, CHARLES HAROLD ..                                  | { 140 Devonshire Road, Forest Hill, S.E.                        |
| 1902 Dec. 16.      | COTTON, CHARLES GEOFFREY ..                                | { Eng.'s Office, L. & S. W. Ry., Waterloo, S.E.                 |
| 1905 Feb. 28.      | COTTON, SYDNEY O'GRADY ..                                  | King's College, Strand, W.C.                                    |
| 1904 Nov. 15.      | { COUSINS, HENRY, B.Sc.<br>(Victoria) .. .. . }            | The Royal Arsenal, Woolwich.                                    |
| 1905 Mar. 28.      | COVELL, BEVERLEY CARTHEW                                   | Cadeleigh, Sydenham, S.E.                                       |
| 1905 Nov. 14.      | { COX, FRANCIS EDGAR WILD-<br>SMITH .. .. . }              | { G. N. R. Eng.'s Office, King's Cross, N.                      |
| 1900 Nov. 27.      | COX, HENRY ASHLEY .. ..                                    | 8 Elm Grove, Crouch Hill, N.                                    |
| 1906 Jan. 23.      | CRAIG, JOHN FREDERIC .. ..                                 | { Harbour Board, East London, Cape Colony.                      |
| 1904 Mar. 29.      | CREAGH, HAROLD .. ..                                       | 98 Chorley New Road, Horwich.                                   |
| 1903 Nov. 24.      | { CREEDY, HAROLD DOUGLAS,<br>B.Sc. (Engineering) (Lond.) } | { c.o. Mrs. Creedy, 19 Webster Gardens, Ealing, W.              |
| 1905 Mar. 7.       | CRESWELL, FERDINAND LESLIE                                 | { D. Simpson, Estacion Once de Setiembre, F.C.O., Buenos Aires. |
| 1905 Mar. 28.      | CRISP, GEORGE TERRY .. ..                                  | The Lodge, Harleston, Norfolk.                                  |
| 1906 Feb. 27.      | CROAD, ALBERT .. ..  | { Royal Indian Engineering College, Coopers Hill, Staines.      |
| 1904 Mar. 29.      | { CROSS, ARTHUR LESLIE ROW-<br>BOTHAM .. .. . }            | The Elms, Moseley, Birmingham.                                  |
| 1904 Mar. 29.      | CRUMP, EDWIN SAMUEL ..                                     | 16 Barclay Road, Fulham, S.W.                                   |
| 1901 Nov. 19.      | CRYER, EDWARD .. ..  | { W. Vallance, 2 Fir Park Terrace, Dennistoun, Glasgow.         |
| 1905 Mar. 28.      | { CULBERTSON, JOHN MURRAY<br>SCHÜTZ .. .. . }              | Avena, St. Mary Cray, Kent.                                     |
| 1905 Nov. 28.      | { CULE, TUDOR GARFIELD,<br>B.Sc. (Wales) .. .. }           | { Assam-Bengal Ry., Haflong, North Cachar, India.               |
| 1905 Mar. 28.      | CULLIS, EDMUND HERBERT ..                                  | 2 Midland Road, Gloucester.                                     |
| 1904 Nov. 8.       | CUMMINGS, JOHN .. ..                                       | { Springfield House, Rothbury, Northumberland.                  |
| 1905 Nov. 14.      | { CURLING, ROBERT DOUGLAS<br>KINGSDOWN .. .. . }           | 13 Nelson Street, Crewe.  |
| 1904 Nov. 8.       | CURRY, MATTHEW HAROLD ..                                   | King's College, Strand, W.C.                                    |
| 1905 Nov. 21.      | CURRY, THOMAS ARCHIBALD ..                                 | { Royal Indian Engineering College, Coopers Hill, Surrey.       |
| 1904 Nov. 29.      | DAMAN, JOHN HENRY PAULET                                   | { Central Technical College, Exhibition Road, S.W.              |
| 1903 Dec. 22.      | DANIELL, OLIVER CARL .. ..                                 | Sandhill, Winchfield, Hants.                                    |
| 1906 Mar. 27.      | DARBISHIRE, HUGH CHARLES ..                                | 68 Brooklyn Street, Crewe.                                      |
| 1906 Jan. 23.      | DARE, JOHN HENRY .. ..                                     | 21 Arran Street, Roath, Cardiff.                                |
| 1900 Nov. 27.      | DASHWOOD, ARTHUR PAUL ..                                   | 27 Maison Dieu Road, Dover.                                     |
| 1903 Mar. 24.      | { DAVEY, ARCHIBALD HENRY<br>PINGSTON .. .. . }             | E. M. Eaton, 28 Victoria Street, S.W.                           |
| 1903 Jan. 20.      | { DAVID, CHARLES JOHN EVAN,<br>B.A. (Oxon) .. .. . }       | The Hendrê, Llandaff, Cardiff.                                  |
| 1904 Mar. 29.      | { DAVIDSON, DUNCAN CALVIN<br>KNOX .. .. . }                | Prestea Rys., Swanzy, Tarkwa, Gold Coast.                       |
| 1903 Jan. 13.      | DAVIDSON, WILLIAM ROBERT ..                                | { Engineer's Office, Railways, Wellington, New Zealand.         |
| 1903 Nov. 24.      | DAVIES, DAVID TUDOR .. ..                                  | { 6 Quarry Park Road, Mutley, Plymouth.                         |
| 1903 Jan. 13.      | { DAVIES, IVOR PARRY,<br>B.Sc. (Leeds) .. .. . }           | Merlewood, Old Colwyn, N. Wales.                                |

| Date of Admission. | STUDENTS.   |  |
|--------------------|---|--|
| 1904 Nov. 29.      | DAVIES, POWYS .. .. .   | P.W.D. Raipur, C.P., India.                                |
| 1906 Mar. 27.      | DAVIES, RICHARD ARTHUR ..   | Brook House, Sanghall Road, Chester.                       |
| 1905 Nov. 28.      | DAVIES, THOMAS HAROLD ..  | The Rolly, near Oswestry.                                  |
| 1902 Nov. 11.      | { DAVIS, GEORGE KEVILLE, }<br>B.Sc. ( <i>Victoria</i> ) .. .. .       | 57 Trinity Road, Bootle, Liverpool.                        |
| 1905 Mar. 28.      | DAVIS, JOEL WILLIAM, Jun. ..  | Anglewood, Poole Rd., Bournemouth.                         |
| 1904 Nov. 15.      | { DAVIS, WILLIAM JOHN, B.Sc. }<br>( <i>Victoria</i> ) .. .. .         | Contractor's Office, Canada Dock, Liverpool.               |
| 1902 Nov. 5.       | DAVISON, ARTHUR .. .. .   | P. W. D., Raipur, C. P., India.                            |
| 1904 Nov. 29.      | DEACON, SAMUEL FOSTER ..  | { 9 Whitefield Terrace, Greenbank Road, Plymouth.          |
| 1904 Nov. 8.       | DEAKIN, ALBERT WHITNEY ..   | Adcote, Lordship Lane, S.E.                                |
| 1902 Feb. 11.      | DEAN, SYDNEY HEMBRY ..  | Boro' Engineer's Office, Blackburn.                        |
| 1905 Dec. 5.       | DEANE, RICHARD TEESDALE ..  | Ferring Vicarage, Worthing.                                |
| 1903 Nov. 10.      | DE LAUTOUR, EDGAR .. ..   | { Majheria, P.O. Ramnagar, Champaran, India.               |
| 1905 Nov. 28.      | DELGADO, CHARLES HOWARD   | Engadine, Overstrand, Cromer.                              |
| 1905 Apr. 11.      | DENNEY, JAMES ARNOLD ..   | 13 Milton Road, Swindon.                                   |
| 1901 Nov. 27.      | DEVENISH, WILLIAM ROBERTS   | { Engineer's Office, White River, Ontario, Canada.         |
| 1901 Dec. 11.      | DIXON, FRANK .. .. .  | { Dixon & Co., 101 Aireville Road, Bradford, Yorks.        |
| 1904 Nov. 29.      | DOBBS, CHARLES HERBERT ..   | { The Lindens, Penn Road, Wolverhampton.                   |
| 1903 Mar. 24.      | DOBREE, HATHERLEY MOOR ..   | West Tilbury Rectory, Tilbury.                             |
| 1902 Dec. 9.       | DODSON, CHARLES SHERBORNE   | Bonchurch, Ipswich Road, Norwich.                          |
| 1905 Dec. 12.      | DONKIN, WILLIAM DALKEITH  | { Lake Cowal, Forbes, New South Wales.                     |
| 1905 Nov. 28.      | DOUGLAS, JAMES .. .. .  | { Glenhead, Portswood Avenue, Southampton.                 |
| 1906 Mar. 27.      | { DOUGLAS, PERCY CUTHBERT }<br>DOUGLAS .. .. .                        | 15 Victoria Street, S.W.                                   |
| 1905 Nov. 14.      | { DOWD, JAMES REGINALD, }<br>B.A. ( <i>Dubl.</i> ) .. .. .            | 7 Swanson Terrace, Limerick, Ireland.                      |
| 1906 Apr. 10.      | DOWLEY, FRANCIS WALSHIE ..  | { Royal Indian Engineering College, Coopers Hill, Staines. |
| 1901 Dec. 11.      | DOWN, STAFFORD WILLIAM ..   | Govt. Rys., East London, C.C.                              |
| 1906 Mar. 27.      | DOWSON, LEONARD .. .. .   | { 18 The Grange, Wimbledon Common, S.W.                    |
| 1906 Jan. 23.      | DRAPER, ALICK DARBY .. ..   | Cavendish Lodge, Leeds.                                    |
| 1904 Feb. 9.       | { DUFFIELD, HENRY CHARLES, }<br>B.A. ( <i>Cantab.</i> ) .. .. .       | e.o. E. Ross Duffield, 27 Holland Park, W.                 |
| 1904 Nov. 8.       | { DUGGAN, EDWIN MERLE, }<br>B.Sc. ( <i>Victoria</i> ) .. .. .         | King, King & Co., Bombay.                                  |
| 1901 Nov. 27.      | { DUNCANSON, ALEXANDER WALKER, }<br>B.Sc. ( <i>Victoria</i> ) .. .. . | 16 Deane Road, Fairfield, Liverpool.                       |
| 1906 Mar. 27.      | DUNN, JAMES, Junr. .. ..  | 910 Sauchiehall Street, Glasgow.                           |
| 1905 Nov. 14.      | { DURNFORD, LIONEL JOHN }<br>BISHOP .. .. .                           | Dungarvan, Stoke Bishop, Bristol.                          |
| 1904 Mar. 29.      | DUSAUTOY, EDWARD FRANK ..   | Trevayler, Burton Road, Derby.                             |
| 1904 Mar. 29.      | DUTTON, GEORGE EDWARD ..  | { The Vines, Thorburn Road, New Ferry, Birkenhead.         |
| 1905 Jan. 10.      | DYER, ARTHUR FRED .. ..   | Bernard Terrace, Edinburgh.                                |
| 1903 Nov. 24.      | DYMOCK, JOHN DOBIE HALLIDAY   | 2 Grafton Square, Glasgow.                                 |
| 1903 Nov. 24.      | DYSON, ARTHUR .. .. .   | 59 High Street, Harborne.                                  |
| 1903 Nov. 24.      | DYSON, HUBERT .. .. .   | Esholt, Roundhay, Leeds.                                   |
| 1903 Dec. 22.      | { EASSON, GEORGE ALEXANDER, }<br>B.Sc. ( <i>Edin.</i> ) .. .. .       | P. W. D., Jorhat, Assam.                                   |
| 1906 Feb. 20.      | EAST, FRANK APLIN .. ..   | King's College, Strand, W.C.                               |

| Date of Admission. | STUDENTS.  |  |
|--------------------|--|--|
| 1905 Nov. 14.      | EASTON, FRANK STEWART ..   | { 1 Knowe Terrace, Pollokshields, Glasgow.                 |
| 1906 Mar. 27.      | EATON-SHORE, JOHN JAMES ..   | 322 Hungerford Road, Crewe.                                |
| 1906 Mar. 27.      | EDE, CECIL BURTON .. ..  | Dunthorpe, Harrogate.                                      |
| 1906 Mar. 27.      | EDEN, CHRISTOPHER GABRIEL  | { 76 Adelaide Road, South Hampstead, N.W.                  |
| 1906 Feb. 13.      | EDRIDGE, WALTER HENRY ..   | King's College, Strand, W.C.                               |
| 1900 Feb. 13.      | EDWARDS, GERALD THORNHILL  | Waterworks, Hayfield, Stockport.                           |
| 1900 Mar. 27.      | { EDWARDS, HENRY ARTHUR<br>ROLLESTON .. .. . }                               | Pyenest, Halifax, Yorks.                                   |
| 1903 Mar. 17.      | EDWARDS, LINDSAY ERNEST ..   | { R. and K. Ry., Bhamora P.O., Bareilly, India.            |
| 1901 Nov. 19.      | EDWARDS, RONALD WILLIAM.   | 96 Truro Rd., Wood Green, N.                               |
| 1901 Dec. 17.      | ELLERTON, ARTHUR STANTON   | 40 Radford, Coventry.                                      |
| 1900 Dec. 18.      | ELLINGTON, NOEL BAYZAND ..   | 32 Some Street, Chester.                                   |
| 1903 Nov. 17.      | { ELLIOTT, STANLEY STEUART,<br>B.A. (Cape), B.Sc.<br>(Engineering) (Lond.) } | Caldwell House, Park Hill Rise Croydon.                    |
| 1903 Mar. 17.      | { ELLIOTT - COOPER, MALCOLM,<br>B.A. (Cantab.) .. .. }                       | 15 Dean's Yard, Westminster, S.W.                          |
| 1902 Nov. 11.      | { ELLIS, HENRY EDWARD THOMP-<br>SON .. .. . }                                | 24 Fopstone Road, Earl's Court, W.                         |
| 1900 Mar. 27.      | ELLIS, HORACE WILLIAM ..   | 108 Wellgate, Rotherham.                                   |
| 1904 Mar. 29.      | ELLIS, JOHN .. .. .  | Ellerslie, West Derby, Liverpool.                          |
| 1902 Nov. 5.       | ELLIS, JOHN ATTWILL .. ..  | { O. & R. Ry., Moradabad, N.W.P., India.                   |
| 1904 Nov. 22.      | ELLIS, JOHN NEWMAN .. ..   | Debdale Hall, Mansfield.                                   |
| 1906 Mar. 27.      | ELLSON, HORACE STANLEY ..  | 14 Richmond Road, Reading.                                 |
| 1901 Feb. 12.      | ELSDEN, FRANK VINCENT ..   | Grindlay, Groom & Co., Bombay.                             |
| 1905 Nov. 28.      | ENGHOLM, FRANK GOLDIE ..   | { 18 Clapham Mansions, West Side, Clapham Common, S.W.     |
| 1903 Dec. 15.      | { ERLEBACH, WILFRID ARTHUR,<br>B.Sc. (Engineering) (Lond.) }                 | 190 Chillingham Road, Heaton, Newcastle-on-Tyne.           |
| 1902 Dec. 9.       | { ETHERIDGE, HERBERT Os-<br>BOURNE HAGGAR .. .. }                            | P.W.D., Sarawak, Borneo.                                   |
| 1905 Nov. 14.      | { EVANS, EVELYN WARD,<br>B.A. (Cantab.) .. .. }                              | 40 Grosvenor Place, S.W.                                   |
| 1906 Mar. 27.      | EVANS, FRANK DUDLEY .. ..  | 102 Eversleigh Road, S.W.                                  |
| 1900 Dec. 18.      | FANE, ARTHUR GEORGE CECIL  | Grindlay, Groom & Co., Bombay.                             |
| 1902 Jan. 21.      | { FARMER, FRANK HARVEY,<br>B.Sc. (Victoria) .. .. }                          | J. T. Farmer, M.E., 418 Coristine Bldg., Montreal, Canada. |
| 1904 Mar. 29.      | FARRANT, JAMES CLIFFORD ..   | 10 The Terrace, Woodford Green.                            |
| 1904 Nov. 29.      | { FARRER, ARTHUR WESTMOR-<br>LAND .. .. . }                                  | Ivydene, Crescent Road, Crouch End, N.                     |
| 1905 Mar. 28.      | FEA, EDWARD ERRINGTON ..   | { Ballachulish Quarries, R.S.O., Argyleshire.              |
| 1906 Mar. 27.      | { FEARY, NEVILLE ALEXANDER<br>THOMAS NIX .. .. }                             |  |
| 1899 Nov. 28.      | FENNELL, JOHN HOWARD ..  | { C. G. Fennell, Prescott, Arizona, U.S.A.                 |
| 1905 Dec. 5.       | FERGUSON, JAMES .. .. .  | { 21 Ducie Street, Princes Park, Liverpool.                |
| 1905 Nov. 28.      | FIELD, VICTOR .. .. .  | 3 The Avenue, Hornchurch.                                  |
| 1902 Mar. 25.      | FINCH, FRANK GEORGE .. ..  | Boro' Engineer's Office, Reading.                          |
| 1903 Dec. 15.      | { FINCH, WILFRED HENRY<br>MONTGOMERY .. .. }                                 | 16 Old Hamilton Hotel, Hopehall Estate, Mazagon, Bombay.   |
| 1904 Mar. 29.      | FINCHAM, EDGAR MOWBRAY ..  | { Park View, Upper Richmond Road, Putney, S.W.             |
| 1905 Nov. 14.      | { FINLAYSON, ALEXANDER<br>MCARTHUR .. .. . }                                 | 48 Redcliffe Square, S.W.                                  |



| Date of Admission. |   | STUDENTS.   |  |
|--------------------|---|---|--|
| 1902 Nov. 5.       | FIRMSTON, ERIC VERNON ..  | 39 Margaret St., Cavendish Sq., W.                          |  |
| 1904 Nov. 8.       | FISHER, KENNETH, B.A. ( <i>Cantab.</i> )                              | Hill View, 171 Tulse Hill, S.W.                             |  |
| 1905 Dec. 5        | FISHER, WILLIAM ERNEST ..   | 23 Lodge Road, West Bromwich.                               |  |
| 1902 Feb. 11.      | FITT, EDWARD MCCARTHY ..  | 64 Cotham Hill, Bristol.                                    |  |
| 1900 Mar. 27.      | FITZGIBBON, WILLIAM NOËL  | Royal Survey Dept., Bangkok, Siam.                          |  |
| 1905 Nov. 21.      | { FLANAGAN, JOHN HENRY<br>Woulfe .. .. . }                            | 21 Tedworth Square, Chelsea, S.W.                           |  |
| 1903 Nov. 24.      | FLETCHER, BASIL PROCKTER ..   | { Dunheved, North Road, Gosforth-<br>on-Tyne.               |  |
| 1905 Nov. 28.      | FLETCHER, DONALD CORBET ..  | 175 Camden Road, N.W.                                       |  |
| 1902 Nov. 5.       | FLOWERDEW, SPENCER PELHAM   | { Major Hudson, Central Jail, Naini,<br>Allahabad, India.   |  |
| 1902 Nov. 5.       | FORD, ERNEST HONE .. ..   | Beechdale House, Bloxwich.                                  |  |
| 1900 Nov. 27.      | { FORD, FRANK GODFREY<br>Garland .. .. . }                            | Via y Obras, F. C. Oeste, Buenos Aires.                     |  |
| 1903 Mar. 31.      | FORMAN, JAMES HILL .. ..  | { Formans & McCall, 160 Hope Street,<br>Glasgow.            |  |
| 1902 Mar. 25.      | FORSTER, MAURICE NORMAN ..  | 38 Denzil Road, Guildford.                                  |  |
| 1904 Jan. 26.      | { FORTESCUE, CECIL LEWIS,<br>B.A. ( <i>Cantab.</i> ) .. .. . }        | The White House, Milford, Stafford.                         |  |
| 1904 Nov. 29.      | { FOSTER, JAMES FRANCIS<br>George .. .. . }                           | Offa House, St. Nicholas Road,<br>Upper Tooting, S.W.       |  |
| 1905 Nov. 14.      | FOTTRELL, EDWARD JOSEPH ..  | Lyddon Hall, Leeds.   |  |
| B 1900 Nov. 27.    | FOULIS, WILLIAM .. .. .   | { 2 Montgomery Quadrant, Kelvin-<br>side, Glasgow.          |  |
| 1905 Nov. 28.      | { FOWLE, FULWAR WILLIAM<br>Craven .. .. . }                           | 71 Netherhall Road, Doncaster.                              |  |
| 1903 Mar. 31.      | { FOWLER, RICHARD SAMUEL<br>GARDINER, B.A., B.A.I. ( <i>Dubl.</i> ) } | T. Meik & Sons, 29 St. Andrew<br>Square, Edinburgh.         |  |
| 1902 Nov. 11.      | FOX, JOHN REGINALD .. ..  | 6 Manor Road, Salisbury.                                    |  |
| 1904 Mar. 29.      | FOXLEE, RICHARD WILLIAM ..  | { Engineer's Office, G.N.R., King's<br>Cross, N.            |  |
| 1904 Nov. 29.      | FRANCEY, ROBERT MORTON ..   | 4 Alton Gardens, Hillhead, Glasgow.                         |  |
| 1902 Mar. 25.      | { FRANCIS, EDWARD TYRRELL<br>Dunkin .. .. . }                         | 577 Stretford Road, Manchester.                             |  |
| 1899 Nov. 28.      | FRANCIS, RONALD JOSEPH ..   | { 50 Coolhurst Road, Shepherd's Hill,<br>N.                 |  |
| 1904 Nov. 29.      | FRANK, REGINALD ALEXANDER   | High Hall, Kirby Moorside, Yorks.                           |  |
| 1902 Dec. 2.       | FRANK, THOMAS PEIRSON ..  | Elginore, Vernon Road, Leeds.                               |  |
| 1905 Nov. 28.      | FRASER, HENRY .. .. .   | 122 Findhorn Place, Edinburgh.                              |  |
| 1904 Nov. 8.       | { FRASER, KENNETH GEORGE<br>McPherson, B.E. ( <i>Liverpool</i> ) }    | Clevedon, Litherland Park, Liver-<br>pool.                  |  |
| 1903 Nov. 24.      | { FRASER, PETER LOGAN<br>Raeburn .. .. . }                            | { Accumulatoren-Fabrik A.-G., 31A<br>Luisenstrasse, Berlin. |  |
| 1898 Dec. 6.       | FREEMAN, RALPH .. .. .  | 6 Woodberry Down, N.  |  |
| 1906 Mar. 27.      | FRY, ERNEST .. .. .   | { Admiralty Dockyard Extension,<br>Devonport.               |  |
| 1905 Mar. 28.      | FURNESS, DAVID .. .. .  | 9 Peter Street, Blackpool.                                  |  |
| 1902 Nov. 25.      | FURSE, CHARLES FRANCIS ..   | Box 1055, Johannesburg, Transvaal.                          |  |
| 1905 Nov. 28.      | FYFFE, WILLIAM .. .. .  | { 12 Brewery Road, Caledonian Road,<br>N.                   |  |
| 1905 Nov. 14.      | { FYSHE, THOMAS MAXWELL,<br>B.Sc. ( <i>McGill</i> ) .. .. . }         | 70 McTavish St., Montreal, Canada.                          |  |
| 1906 Mar. 27.      | GADSBY, REGINALD .. ..  | { 26 Pembroke Gardens, Kensington,<br>W.                    |  |
| 1905 Mar. 28.      | GALLOWAY, JOHN BRUCE ..   | 31 Crosby Rd., Birkdale, Southport.                         |  |
| 1899 Nov. 28.      | GARDNER, CHARLES TURVILLE   | Sudan Govt. Rys., Suakim, Red Sea.                          |  |
| 1906 Mar. 27.      | { GARDNER, BURNETT GILROY<br>Craufurd .. .. . }                       | Livorno, Upper Long Ditton, Surrey.                         |  |
| 1902 Mar. 25.      | GARDNER, JOHN .. .. .   | 9 Anerley Park, S.E.  |  |

| Date of Admission. | STUDENTS.   |   |
|--------------------|---|---|
| 1903 Nov. 17.      | GARFORTH, THOMAS GEORGE ..  | 1 Albert Place, Chelsea, S.W.   |
| 1904 Nov. 22.      | { GASCOYNE, ROWLAND BLAKE-<br>NEY, B.E. ( <i>Liverpool</i> ) .. } | Cadeby, nr. Doncaster.  |
| 1902 Nov. 25.      | GATEHOUSE, ERNEST ARTHUR  | 23 Garden Walk, Ashton, Preston.  |
| 1903 Nov. 24.      | GATES, HARALD BURTON ..   | { Charnwood, Chapter Road, Willesden<br>Green, N.W.                                 |
| 1904 Feb. 16.      | { GAUDIN, REGINALD FRANCIS<br>BOYD .. .. . }                      | 76 Philbeach Gardens, S.W.  |
| 1903 Feb. 17.      | { GAUNT, LOUIS HENRY ARMI-<br>STEAD .. .. . }                     | Sunfield Cottage, Stanningley, Leeds.   |
| 1903 Mar. 24.      | GEEN, ALBERT BERNARD ..   | { Kingsthorpe, The Avenue, Sur-<br>biton.   |
| 1903 Jan. 13.      | GEEN, GEORGE PURDON ..  | Ivor Villa, Newport, Mon.   |
| 1906 Mar. 6.       | GEEN, THOMAS PERCIVAL ..  | Linden, Penylan, Cardiff.   |
| 1906 Mar. 27.      | GEORGE, EDWARD ROYSTON ..   | King's Arms Hotel, Oxford.  |
| 1903 Nov. 10.      | { GEORGE, MAELGWYN GLEN-<br>DOWER, B.Sc. ( <i>Wales</i> ) .. }    | The Laurels, Aberdare, S. Wales.  |
| 1900 Dec. 18.      | GHALEB, KAMEL OSMAN ..  | Projects Circle, Tewfikieh, Cairo.  |
| 1905 Jan. 17.      | { GIBBINS, FREDERICK REGINALD,<br>B.Sc. ( <i>Lond.</i> ) .. .. }  | 51 West Avenue Road, Church Hill,<br>Walthamstow.                                   |
| 1903 Nov. 10.      | GIBBS, CHARLES WILLIAM ..   | { c.o. Res. Eng., Springwell, Dou-<br>caster.                                       |
| 1906 Mar. 27.      | GILCHRIST, ROBERT .. ..   | Westmount, Langbank, Renfrewshire.  |
| 1906 Mar. 27.      | GILL, HAROLD COLBECK ..   | 20 Eastfield Road, Peterborough.  |
| 1902 Feb. 4.       | { GILL, JAMES FRANCIS,<br>B.Sc. ( <i>Victoria</i> ) .. .. }       | University Power Station, Edgbas-<br>ton, Birmingham.                               |
| 1903 Mar. 24.      | GILLETT, BERNARD GEORGE ..  | { c.o. W. A. Gillett, 114 Leigham<br>Court Road, Streatham, S.W.                    |
| 1903 Nov. 24.      | GIMSON, MARTIN .. ..  | { White House, Clarendon Park,<br>Leicester.  |
| 1906 Mar. 27.      | GLANFIELD, REGINALD ..  | { 4 Thomas Terrace, Aberaman,<br>Aberdare.  |
| 1899 Nov. 28.      | GLANVILLE, ERNEST ALFRED  | { Madras Ry., Bangalore Cantonment,<br>S. India.                                    |
| 1904 Nov. 8.       | GODDARD, WILLIAM CORY ..  | { 6 Station Road, Clacton-on-Sea,<br>Essex.   |
| 1900 Mar. 26.      | GOLDSON, JOHN WILGESS ..  | { Banchoory House, Beach Road,<br>Portishead.                                       |
| 1905 Nov. 28.      | GOLLAN, DONALD WILLIAM ..   | 50 Barry Road, East Dulwich, S.E.   |
| 1902 Mar. 25.      | GOODING, THOMAS OLIVER ..   | Bentworth, Woolston, Southampton.   |
| 1904 Nov. 29.      | GOODMAN, WALTER NEVILLE   | { P.O. Box 230, Passaic, New Jersey,<br>U.S.  |
| 1905 Mar. 28.      | GORDON, FRANK LESLIE ..   | Invermark, Broughty Ferry, N.B.   |
| 1905 Mar. 28.      | GORDON, STEWART RAMSAY ..   | { Price, Wills & Reeves, New Dock<br>Works, Mody Bay, Bombay.                       |
| 1904 Nov. 29.      | GORDON, VIVIAN .. ..  | 1 Southampton Street, W.C.  |
| 1905 Nov. 28.      | GORTON, WILLIAM HUGH ..   | { 46 Huntingdon Road, East Finch-<br>ley, N.  |
| 1903 Dec. 22.      | GOSFORD, ALBERT THOMAS ..   | { 27 Caversham Road, Kingston-on-<br>Thames.  |
| 1901 Mar. 26.      | { GRACE, LAWRENCE THORNE-<br>WAITE .. .. . }                      | { C. J. Wills & Sons, Contractor's<br>Office, Tanworth-in-Arden, War-<br>wickshire. |
| 1906 Mar. 27.      | GRANGE, THOMAS ALFRED ..  | 34 Wolverton Road, Stony Stratford.   |
| 1904 Mar. 29.      | GRANT, IAN .. ..  | Engineer's Office, N.E. Ry., York.  |
| 1905 Nov. 28.      | GRANT, ROLAND JAMES ..  | { 25 Kingswood Avenue, Queen's<br>Park, W.  |
| 1905 Nov. 28.      | { GRAZEBROOK, KENRICK DENIS<br>DURLEY .. .. . }                   | { Caenwood Grange, Beulah Hill,<br>Upper Norwood.                                   |
| 1901 Jan. 8.       | GREEN, FREDERICK MICHAEL  | 40 Belsize Park, N.W.   |
| 1904 Dec. 20.      | GREENE, HENRY ROUNDELL ..   | Victoria Works, Rugby.  |
| 1902 Jan. 28.      | GREENWELL, GEORGE HAROLD  | Poynton, Cheshire.  |

| Date of Admission. | STUDENTS.  |  |
|--------------------|--|--|
| 1904 Nov. 29.      | { GREENWOOD, LESLIE CONRAD }<br>MARTIN .. .. .                 | Holly Bank Cottage, Woodley, Stockport.                        |
| 1904 Mar. 29.      | GREGORY, HERBERT GEORGE ..                                     | Wood Dene, Leatherhead.  |
| 1902 Mar. 25.      | { GREGORY, REGINALD VICTOR, }<br>B.Sc. (Engineering) (Lond.) } | Admiralty Quarters, Rosia, Gibraltar.                          |
| m 1900 Nov. 27.    | GRIBBLE, CONRAD .. .. .  | N.E. Ry., Engineer's Office, York.                             |
| 1905 Mar. 28.      | GRIERSON, JOHN .. .. .   | 39 West Street, Leicester.                                     |
| 1902 Nov. 5.       | GRIFFIN, FREDERICK CHARLES                                     | Mount Pleasant, Bacup, Lancs.                                  |
| 1902 Nov. 11.      | GRIFFIN, JOSEPH DARIUS ..                                      | Hanbury Hill House, Stourbridge.                               |
| 1906 Mar. 27.      | GRIFFITH, THOMAS LOGAN ..                                      | Highfield, Bexley Road, Erith.                                 |
| 1901 Nov. 27.      | GRIFFITHS, HARRY MELVILLE                                      | King, King & Co., Bombay.                                      |
| 1902 Dec. 2.       | GRIGSON, THOMAS REGINALD ..                                    | 172 Cathedral Road, Cardiff.                                   |
| 1901 Dec. 11.      | GRINLING, ARTHUR JOHN ..                                       | 32 Friar Gate, Derby.  |
| 1903 Dec. 15.      | { GROVES, HENRY LEIGH, }<br>B.A. (Cantab.) .. .. . }           | Eng.'s Office, Castle Carrock, nr. Carlisle.                   |
| 1902 Dec. 2.       | GUBBAY, HENRI .. .. .  | { Sassoon & Co., 3 Fairlie Place, Calcutta.                    |
| 1905 Nov. 28.      | GUBBINS, THOMAS RUSSELL ..                                     | 22 Carlton Hill, N.W.  |
| 1899 Nov. 28.      | { GUEST, Hon. LIONEL GEORGE }<br>WILLIAM .. .. . }             | Canford Manor, Wimborne.                                       |
| 1902 Nov. 5.       | { GUTTMANN, CAMILLO JOSEPH, }<br>B.Sc. (Engineering) (Lond.) } | { 18 Aberdare Gardens, Hampstead, N.W.                         |
| 1903 Mar. 10.      | GYTON, FREDERICK GEORGE  | { Mrs. Boycott, Horsehay Common, Horsehay R.S.O., Shropshire.  |
| 1904 Nov. 8.       | HAFFENDEN, EDWARD DALTON                                       | { Hong Kong and Shanghai Bank, Rangoon.                        |
| 1905 Feb. 21.      | HAGUE, HAROLD WILFRID ..                                       | { Municipal Council Chambers, Kalgoorlie, W.A.                 |
| 1906 Mar. 27.      | HAILE, WALTER HENRY ..   | Oakfield, Peckham Rye, S.E.                                    |
| 1905 Mar. 28.      | HAISTE, JOHN HERBERT ..  | { G.C. Ry. Eng.'s Office, Grimsby Docks.                       |
| 1905 Nov. 14.      | HALL, ALFRED JOHN .. ..  | 20 Woodfield Road, Redland, Bristol.                           |
| 1904 Mar. 29.      | HALL, LIONEL CUTHBERT ..                                       | { Contractor's Office, G.W.R., Royal Oak, W.                   |
| 1906 Mar. 27.      | HALL, PERCY .. .. .  | { 16 Oak Avenue, Romiley, nr. Stockport.                       |
| 1905 Nov. 28.      | HALL, RICHARD FERGUSON ..                                      | { Eng.'s Office, Kettlesing Tunnel, Swinsty, nr. Otley, Yorks. |
| 1902 Mar. 25.      | HALLOWES, BLACKWOOD .. ..                                      | 11 King Street, Maidstone.                                     |
| 1905 Nov. 14.      | HALSE, GEORGE WHITFIELD ..                                     | 15 Clarendon Rd., Holland Park, W.                             |
| 1906 Feb. 6.       | { HALSTEAD, GEORGE, B.Sc. }<br>(Manchester) .. .. . }          | Clover Hill, Nelson, Lancs.                                    |
| 1901 Nov. 19.      | HAMER, JOHN PARKINSON ..                                       | { Oakley, St. Andrew's Road, St. Anne's-on-Sea.                |
| 1904 Feb. 9.       | { HAMILTON, BENJAMIN HENRY }<br>NOEL HANS .. .. . }            | St. Kilda, Wimbledon, S.W.                                     |
| 1904 Nov. 8.       | HAMILTON, THOMAS DANIEL ..                                     | St. Rumons, Tavistock.   |
| 1905 Nov. 21.      | HANHART, HERBERT GERARD  | 35 Fellows Road, N.W.  |
| 1905 Nov. 28.      | HANNAFORD, ARTHUR RUBY   | Douglas Villa, Osmaston Rd., Derby.                            |
| 1903 Nov. 10.      | HANNINGTON, ROBERT GEORGE                                      | 12 Frenchay Road, Oxford.                                      |
| 1900 Nov. 27.      | HANSON, HAROLD .. .. .   | Holmwood, Edgerton, Huddersfield.                              |
| 1903 Mar. 24.      | HARBY, WILLIAM .. .. .   | 43 Montgomery Street, Edinburgh.                               |
| 1901 Dec. 3.       | HARDIE, JOHN ALFRED .. ..                                      | { S. Pearson & Son, 10 Victoria St., S.W.                      |
| 1904 Mar. 29.      | HARDING, GEORGE RICHARDSON                                     | { Dick, Kerr & Co., Star Chambers, Gosport.                    |
| 1904 Nov. 29.      | { HARDINGHAM, LEONARD WIL- }<br>LIAM .. .. . }                 | Central Technical College, Exhibition Road, S.W.               |
| 1906 Mar. 27.      | { HARDWICKE, SEBASTIAN MORE }<br>BALDRY .. .. . }              | 2 Argyll Mansions, Chelsea, S.W.                               |



| Date of Admission. | STUDENTS.   |   |
|--------------------|---|---|
| 1904 Nov. 8.       | HARDY, RALPH GEORGE.. ..                                  | { St. John, Limni, Island of Eubœa, Greece.                         |
| 1904 Mar. 29.      | { HARLEY - MASON, VERNON<br>BALFOUR .. .. . }             | { c.o. Richardson's, Westgarth & Co., Middlesbrough.                |
| 1902 Mar. 25.      | { HARMAN, FREDERICK BERKELEY<br>BRUCE .. .. . }           | { c.o. Bruce Harman, 35 Connaught Road, Willesden, N.W.             |
| 1904 Dec. 20.      | HARPUR, ISAAC.. .. .                                      | 197 Severn Road, Cardiff.   |
| 1901 Dec. 3.       | HARRIS, ALFRED RICHARD ..                                 | { 36 St. George's Road, Regents Park, N.W.                          |
| 1903 Nov. 10.      | { HARRIS, ARNOLD WILLIAM<br>ELSMERE .. .. . }             | { Andover Villa, Oxley Bank, Wolverhampton.                         |
| 1904 Mar. 15.      | HARRIS, THOMAS HOWARD ..                                  | 19 Trewitt Road, Heaton-on-Tyne.                                    |
| 1905 Jan. 31.      | { HARRISON, ALBERT FRANCIS<br>LOUIS HELFRICH.. .. . }     | { G.N., Piccadilly & Brompton Ry., 6 Belgrave St., King's Cross, N. |
| 1904 Jan. 26.      | { HARRISON, ARNOLD FREAN,<br>B.Sc. (Victoria) .. .. . }   | { St. Arnold's, Broad Oak Park, Worsley.                            |
| 1904 Mar. 29.      | HARRISON, FRANCIS EDWARD..                                | { Engineer's Office, N. E. Ry., Newcastle-on-Tyne.                  |
| 1905 Nov. 14.      | HARRISON, FREDERICK THOMAS                                | 228 Goswell Road, E.C.  |
| 1905 Nov. 28.      | HARRISON, PERCY .. .. .                                   | 160 Durham Road, Wimbledon, S.W.                                    |
| 1904 Dec. 13.      | HARRISSON, GEOFFREY HARNETT                               | 53 Rodney Street, Liverpool.  |
| 1902 Nov. 5.       | HART, VINCENT .. .. .                                     | Westmere, Western Road, Cork.                                       |
| 1905 Mar. 28.      | HARVEY, JOHN BISKETT.. ..                                 | Craigton Farm, Govan, Glasgow.                                      |
| 1905 Mar. 28.      | HASELDINE, JOHN FRANCIS ..                                | E. B. Taylor, 27 Gt. George St., S.W.                               |
| 1906 Mar. 27.      | HATT-COOK, ROWLAND .. ..                                  | Hartford Hall, Hartford, Cheshire.                                  |
| m 1904 Mar. 29.    | HAYMAN, WILLIAM MUIR ..                                   | { Engineer's Office, St. Enoch Station, Glasgow.                    |
| 1903 Mar. 24.      | { HAYTHORNTHWAITE, ARNOLD<br>THOMPSON .. .. . }           | { 2 Vernon Gardens, Gateshead-on-Tyne.                              |
| 1904 Nov. 8.       | { HEATHCOTE, EDGAR HORACE,<br>B.A. (Cantab.) .. .. . }    | { Wychwood, Buxton, Derbyshire.                                     |
| 1906 Jan. 30       | { HEATHCOTE, GILBERT STANLEY,<br>B.A. (Cantab.) .. .. . } | { 86 Gilda Brook Road, Eccles, Manchester.                          |
| 1903 Nov. 24.      | { HEATHCOTE, LAWRENCE HECTOR<br>MARK .. .. . }            | { Bldgs. and Roads Dept., Secretariat, Lahore.                      |
| 1903 Mar. 24.      | HELLIWELL, HUBERT .. ..                                   | 13 Drummond Place, Edinburgh.                                       |
| 1904 Nov. 8.       | HELPS, REGINALD ARTHUR ..                                 | Maybank, Longfleet, Poole.  |
| 1903 Nov. 17.      | HELSEY, FREDERICK GEORGE..                                | Rensberg, Kingsfield Road, Watford.                                 |
| 1903 Mar. 24.      | HENDERSON, DAVID .. ..                                    | 26 Calder Street, Glasgow.  |
| 1905 Mar. 28.      | HENDERSON, PHILIP .. ..                                   | 18 Arlington Street, S.W.   |
| 1905 Mar. 28.      | HENDERSON, WILLIAM .. ..                                  | Ashlea, Wormit-on-Tay.  |
| 1899 Nov. 28.      | HENRIQUES, CYRIL QUIXANO ..                               | { c.o. Mrs. Henriques, 16 Oxford Sq., Hyde Park, W.                 |
| 1904 Nov. 8.       | HENRIQUES, PHILIP QUIXANO                                 | 9 Derrington Street, Crewe.   |
| 1903 Nov. 24.      | HENRY, WILLIAM .. .. .                                    | { Engineer's Office, N.E. Ry., Newcastle-on-Tyne. [N.W.]            |
| 1905 Mar. 28.      | HERON, EDMUND FRANKLIN ..                                 | 36 Dartmouth Road, Bredesbury,                                      |
| 1903 Mar. 24.      | HESTER, EDGAR HAZEL .. ..                                 | 51 Upper Westbourne Villas, Hove.                                   |
| 1905 Mar. 28.      | HEWITT, WILLIAM .. .. .                                   | 3 Baker Street, Middlesbrough.                                      |
| 1904 Nov. 8.       | { HEWLETT, HAROLD BRYNING,<br>B.Sc. (Victoria) .. .. . }  | { Abbotsford House, Withington, Manchester.                         |
| 1900 Feb. 13.      | HEWLETT, PHILIP RUFFORD ..                                | United Service Club, Lucknow.                                       |
| 1903 Dec. 15.      | HEYMANN, FRANCIS ALBERT ..                                |   |
| 1906 Mar. 27.      | HICK, HAROLD CRISPIN .. ..                                | { Kinvara, Wellington Road, New Brighton.                           |
| 1905 Mar. 28.      | HIGGINS, ARTHUR LOVAT ..                                  | { Royal College of Science, South Kensington, S.W.                  |
| 1904 Jan. 26.      | HILDITCH, GEORGE WALLS ..                                 | Home Park, Kingston-on-Thames.                                      |
| 1906 Jan. 9.       | HILL, EDWARD PERCY .. ..                                  | 2 Elm Mount, Helsby, Warrington.                                    |
| 1905 Nov. 21.      | HILL, EDWIN WILLIAM.. ..                                  | { Royal Indian Engineering College, Coopers Hill, Surrey.           |
| 1903 Mar. 24.      | HILL, FREDERICK GUY .. ..                                 | Hillscroft, Erdington, Birmingham.                                  |

| Date of Admission. | STUDENTS.   |  |
|--------------------|---|--|
| 1905 Nov. 14.      | HILL, HENRY ELLIS, Junr. ..                                       | 23 East Cliff, Dover.                                  |
| 1906 Mar. 27.      | HILL, JAMES ROWLAND .. ..   | { 552 Bacup Road, Waterfoot, Manchester.               |
| 1905 Jan. 10.      | { HILL, JOSEPH LAWRENCE, }<br>B.A. ( <i>Cantab.</i> ) .. ..       | { c.o. Sir D. Fox & Partners, 28 Victoria Street, S.W. |
| 1904 Nov. 8.       | HILL, SYDNEY ASHTON .. ..   | 150 Hagley Road, Edgbaston.                            |
| 1906 Mar. 6.       | HILLMAN, ARTHUR JAMES ..  | East Street, Guildford, W.A.                           |
| 1906 Mar. 27.      | HILLS, CECIL HYDE .. ..   | 12 Downing Terrace, Cambridge.                         |
| 1906 Mar. 27.      | HINES, JOHN TATHAM .. ..  | The Priory, Wilton.                                    |
| 1902 Nov. 25.      | HINGSTON, WILLIAM HALCOT  | 46 Dartmouth Rd., Forest Hill, S.E.                    |
| 1904 Nov. 8.       | { HODGE, HARRY FAIRLIE, }<br>B.Sc. ( <i>Glasgow</i> ) .. ..       | { 32 Dalkeith Avenue, Dumbreck, Glasgow.               |
| 1906 Mar. 27.      | HODGES, HAROLD .. ..  | 117 Broad Street, Swindon.                             |
| 1904 Nov. 15.      | { HODGKIN, GEORGE LLOYD, }<br>B.A. ( <i>Cantab.</i> ) .. ..       | { Barmoor, Beal, Northumberland.                       |
| 1905 Mar. 14.      | HODGKINSON, JOHN .. ..  | 34 Stanley Street, Southsea, Hants.                    |
| 1905 Nov. 14.      | { HODGSON, JOHN LAWRENCE, }<br>B.Sc. ( <i>Lon'd.</i> ) .. ..      | { 8 Gloucester Place, Greenwich Park, S.E.             |
| 1902 Mar. 25.      | HODGSON, REGINALD .. ..   | Sunghai, Perak, F.M.S.                                 |
| 1905 Nov. 28.      | { HOEY, GEORGE MCCAUSLAND, }<br>B.A., B.E. ( <i>Royal</i> ) .. .. | { 10 Gamble Street, Belfast.                           |
| 1902 Mar. 25.      | HOGG, CHARLES WILLIAM ..  | 12 India Street, Glasgow.                              |
| 1902 Jan. 21.      | HOGG, JOHN MACKINTOSH ..  | 109a Castle Street, Forfar.                            |
| 1901 Mar. 26.      | HOGG, WILLIAM EDWARD ..   | 7 Westover Road, Wandsworth, S.W.                      |
| 1904 Nov. 29.      | HOLLAND, JOHN CHARLES ..  | 50 Gibson Street, Hillhead, Glasgow.                   |
| 1905 Mar. 28.      | HOLT, PERCIVAL .. ..  | { 6 Queen's Terrace, Rawtenstall, Lancs.               |
| 1904 Nov. 29.      | HOMAN, ARTHUR ROBERT ..   | C. N. Lailey, 53 Victoria Street, S.W.                 |
| 1903 Nov. 10.      | HONE, HORACE JOHN ELLIOTT   | 62 Kensington Road, Reading.                           |
| 1905 Nov. 14.      | HOOD, HARRY CLARE .. ..   | King's College, Strand, W.C.                           |
| 1906 Mar. 27.      | HORNE, ARNOLD CECIL .. ..   | The University, Leeds.                                 |
| 1900 Dec. 18.      | HORNE, GEORGE REMINGTON ..  | Tremayne, Wynberg, Cape Colony.                        |
| 1905 Nov. 14.      | HOSKINGS, HERBERT GEORGE  | 7 Northbrook Road, Lee, S.E.                           |
| 1906 Mar. 27.      | HOSTE, RALPH DERICK .. ..   | { Manor House, Meonstoke, Bishops Waltham.             |
| 1905 Mar. 28.      | HOUSTON, ALEXANDER LINDSAY  | { Main Drainage Works, Partick, Glasgow.               |
| 1904 Nov. 8.       | { HOWARD, JOHN WHITELEY, }<br>B.Sc. ( <i>Victoria</i> ) .. ..     | { 14 Byron Street, Todmorden.                          |
| 1906 Jan. 16.      | HOWARD, PERCY .. ..   | Wynford Lodge, Erith, Kent.                            |
| 1905 Mar. 28.      | HOWELL, ARTHUR PERCIVAL ..  | { Wulfrun Cottage, Albert Road, Wolverhampton.         |
| 1905 Mar. 28.      | HOWORTH, BEN .. ..  | { 1 Grosvenor Avenue, Great Crosby, Lancs.             |
| 1905 Mar. 28.      | HOY, NORMAN BELL .. ..  | { Fern Cliff, Heaton Mersey, Manchester.               |
| 1901 Nov. 19.      | HOYLE, EDGAR .. ..  | Cliff House, Greenhithe, Kent.                         |
| 1901 Nov. 8.       | HTU, KAN .. ..  | { Town Land Reclamation Office, Rangoon, Burma.        |
| 1902 Nov. 5.       | { HUBBACK, GEORGE CLAY, }<br>B.Sc. ( <i>Victoria</i> ) .. ..      | { Port Commissioners' Office, Calcutta.                |
| 1905 Mar. 28.      | HUDDART, ALFRED HARRY ..  | 115 Embleton Road, Lewisham, S.E.                      |
| 1904 Nov. 8.       | HUDSON, FRANCIS JENNINGS ..                                       | Barnburgh, Doncaster.                                  |
| 1904 Nov. 29.      | HUGHES, HENRY .. ..   | { Borough Engineer's Office, Sutton Coldfield.         |
| 1902 Nov. 25.      | HUGHES, IAN DAVID ERSKINE   | 3 Wilson Place, Dollar, N.B. [W.                       |
| 1904 Feb. 16.      | HUGHES, WILLIAM CLARE ..  | 138 Gloucester Terrace, Hyde Park,                     |
| 1903 Mar. 24.      | HUGHES, WILLIAM OSBORNE ..  | Cartref, Cadnant Park, Conway.                         |
| 1905 Mar. 28.      | HUGHES, WILLIAM THOMAS ..   | 43 Lord Street, Wolverhampton.                         |
| 1904 Mar. 29.      | { HULL, GORDON BURNETT }<br>GIFFORD .. ..                         | { Hayfield, Derbyshire.                                |
| 1901 Mar. 26.      | HUMAN, ARNOLD HENRY ..  | Siemens Brothers, Stafford.                            |

| Date of Admission. | STUDENTS.   |  |
|--------------------|---|--|
| 1906 Mar. 6.       | { HUNTER, HOLIDAY LEYCESTER, }<br>B.Sc. ( <i>Manchester</i> ) .. .. }         | Oakhurst, Eccles Old Road, Manchester.                             |
| 1906 Mar. 27.      | HUNTER, MALCOLM .. ..   | 11 Lancaster House, Brixton Oval, S.W.                             |
| 1900 Nov. 27.      | { HUSBANDS, HENRY WILLIAM }<br>SPURR .. .. }                                  | Jalna, via Manmad, Deccan, India.                                  |
| 1906 Feb. 20.      | HUTCHINSON, ARCHIBALD MUIR  | { Engineering Surveys Branch, Public Works Department, Perth, W.A. |
| 1904 Nov. 22.      | { HUTCHINSON, CHARLES HILTON, }<br>B.A. ( <i>Canab.</i> ) .. .. }             | Kent House, Eastbourne.  |
| 1905 Nov. 28.      | HUTCHINSON, GEORGE HANLEY   | The Manor House, Catterick, Yorks.                                 |
| 1904 Mar. 29.      | HUTCHINSON, HARRY FLEMING   | { Eng.'s Dept., Town Hall Annexe, Walthamstow, N.E.                |
| 1903 Nov. 10.      | HUTCHINSON, JAMES ANNACKER  | Rawcroft, Combe Park, Bath.  |
| 1904 Mar. 29.      | { HUTCHISON, DONALD MAXWELL }<br>WRIGHT .. .. }                               | Lancs. Electric Power Co., 196 Deansgate, Manchester.              |
| 1904 Dec. 13.      | HUTT, ARTHUR CYRIL .. ..  | Bycullah Park, Enfield, Middlesex.                                 |
| 1905 Nov. 28.      | { HYDE, CHARLES JOSEPH ED- }<br>WARDS .. .. }                                 | Royal Indian Engineering College, Coopers Hill, Surrey.            |
| 1903 Apr. 28.      | { INGLIS, ROBERT JOHN }<br>MATHISON .. .. }                                   | Tantah, Peebles.   |
| 1902 Nov. 11.      | INNES, CHARLES, B.Sc. ( <i>Edin.</i> )  | P. W. D., Bhamo, Burma.  |
| 1905 Nov. 28.      | IRENS, MAX HENRY .. ..  | { 50 Woodstock Road, Bedford Park, Chiswick, W.                    |
| 1905 Nov. 21.      | IVEY, FREDERIC PERCIVAL ..  | 28 Logan Road, Bristol.  |
| 1905 Mar. 28.      | IZAT, JOHN FERGUSON .. ..   | 18 Berkeley Terrace, West Glasgow.                                 |
| 1905 Nov. 28.      | JACKMAN, HERBERT LEONARD  | 27 Brunswick Rd., Kingston Hill, S.W.                              |
| 1899 Nov. 28.      | { JACKSON, EDWARD ROBERT }<br>HOULTON .. .. }                                 | Port Trust, Bombay.  |
| 1903 Nov. 24.      | JACOB, LIONEL HERBERT ..  | { Glenelg, Westbourne Park Road, Bournemouth.                      |
| 1905 Nov. 21.      | JAKEMAN, RICHARD .. ..  | 10 Lewisham Hill, S.E.   |
| 1905 Nov. 14.      | JAMES, EDWARD HENRY .. ..   | { Hazlitt House, Hazlitt Road, Kensington, W.                      |
| 1905 Dec. 5.       | { JAMES, WILLIAM EDWARD }<br>ASHTON .. .. }                                   | Royal Indian Engineering College, Coopers Hill, Surrey.            |
| 1905 Mar. 28.      | JAMES, WILLIAM EWART ..   | Linden Lodge, Tuffley, Gloucester.                                 |
| 1906 Mar. 6.       | JAMESON, LAWRENCE WATSON  | 52 Ashley Gardens, Westminster, S.W.                               |
| 1905 Jan. 10.      | JAMESON, MATTHEW .. ..  | 57 Marine Approach, South Shields.                                 |
| 1900 Dec. 18.      | JAY, WILLIAM CLOUSTON ..  | Greymouth, N.Z.  |
| 1901 Nov. 19.      | JENKINS, WILLIAM LIONEL ..  | { Wadham House, Toynbee Hall, Commercial Street, E.                |
| 1902 Dec. 16.      | { JENKINS, WILLIAM REES, }<br>B.Sc. ( <i>Engineering</i> ) ( <i>Lond.</i> ) } | Surveyor's Office, 215 High Road, Balham, S.W.                     |
| 1901 Dec. 3.       | JENNINGS, FRANK PERCY ..  | Paspebiac, P.Q., Canada.   |
| 1904 Nov. 8.       | JERVIS, BERESFORD CLAYTON   | { 9 Derrington Street, Edleston Road, Crewe.                       |
| 1904 Nov. 29.      | JERVOISE, EDWYN .. ..   | 48 Albert Hall Mansions, S.W.                                      |
| 1905 Nov. 28.      | { JESSON, ARTHUR WILLIAM }<br>MOSLEY .. .. }                                  | Royal Indian Engineering College, Coopers Hill, Surrey.            |
| 1905 Mar. 28.      | JOHNSON, WILLIAM HERBERT  | 8 King Street, Great Yarmouth.                                     |
| 1905 Nov. 21.      | { JOHNSTONE, HARMOOD VICTOR }<br>CARRUTHERS .. .. }                           | Royal Indian Engineering College, Coopers Hill, Surrey.            |
| 1903 Dec. 22.      | { JOHNSTON, JOHN CORMACK, }<br>B.Sc. ( <i>Edin.</i> ) .. .. }                 | 3 Moray Street, Wick, N.B.   |



| Date of Admission. | STUDENTS.   |  |
|--------------------|---|--|
| 1899 Nov. 28.      | JONES, CYRIL WALTER .. ..                                       | { N.G.S. Ry., Secunderabad, Deccan, India.               |
| 1905 Nov. 28.      | JONES, GEORGE SUTTON .. ..                                      | { Delaware, Frinton, Essex.                              |
| 1903 Nov. 10.      | JONES, GWILYM ANEURIN .. ..                                     | { 6 Montpelier Terrace, Swansea.                         |
| 1906 Mar. 27.      | JONES, GWILYM IFAN .. ..  | { The Pandy, Machen, Newport, Mon.                       |
| 1904 Nov. 29.      | JONES, HAROLD DUNIAM .. ..                                      | { 4 Meadowcroft Villas, Carshalton Road, Sutton.         |
| 1904 Nov. 8.       | JONES, HENRY JAMES .. ..  | { H.M. Gunwharf, Devonport.                              |
| 1906 Mar. 27.      | JONES, WILFRID GRIFFITH .. ..                                   | { Ithelfryn, Wellington Road, Rhyl.                      |
| 1903 Dec. 22.      | JOSEPH, JACOB BENJAMIN .. ..                                    | { 564 West 33rd Street, New York City, U.S.A.            |
| 1904 Nov. 29.      | JUNG, NADIR .. ..   |  |
| 1906 Mar. 20.      | { KANN, JOHN HUGO CONWAY, }<br>B.Sc. (Lond.) .. ..              | { 24 Chesterford Gardens, Frognal, N.W.                  |
| 1904 Nov. 29.      | { KEAN, FRANCIS JOHN, }<br>B.Sc. (Engineering) (Lond.)          | { 16 Norwich Road, Forest Gate, E.                       |
| 1904 Mar. 29.      | KEAST, SYDNEY BANKS .. ..                                       | { 28 Victoria Street, S.W.                               |
| 1906 Mar. 27.      | KEAY, LANCELOT HERMAN .. ..                                     | { City Eng.'s Office, Guildhall, Norwich.                |
| 1905 Jan. 31.      | KEEP, THOMAS BETTSWORTH .. ..                                   | { King's College, Strand, W.C.                           |
| 1904 Mar. 29.      | KEITH, WILLIAM EWING .. ..                                      | { Dunottar, Middleton Crescent, Leeds.                   |
| 1905 Mar. 28.      | KELL, CHARLIE QUANE .. ..                                       | { 12 Royal Crescent, Harrogate.                          |
| 1906 Mar. 27.      | KEMP, WILLIAM .. ..   | { Talbot Place, Stafford.                                |
| 1903 Nov. 24.      | KENT, CLAUDE GEORGE .. ..                                       | { Walter Beesley, 11 Victoria Street, S.W.               |
| 1901 Dec. 11.      | KESTING, ROBINSON FRIEDRICH                                     | { Lynwood Grange, Heaton Road, Newcastle-on-Tyne.        |
| 1906 Jan. 16.      | { KHAN, FRAMJEE PESTONJEE, }<br>B.A. (Cantab.) .. ..            | { Hadley House, North Finchley, N.                       |
| 1902 Feb. 4.       | { KIERNAN, THOMAS JOHN RANSOM, }<br>B.Sc. (Engineering) (Lond.) | { 130 Mitcham Lane, Streatham, S.W.                      |
| 1905 Mar. 28.      | KILMISTER, CLIVE HUGHES .. ..                                   | { Council Offices, Walton-on-Thames.                     |
| 1905 Mar. 28.      | KINCAID, HENDERSON .. ..  | { 30 Forsyth Street, Greenock, N.B.                      |
| 1904 Nov. 15.      | KINDER, GEOFFREY RICHARD  | { Pine Lodge, Walton-on-Thames.                          |
| 1905 Mar. 28.      | KING, HERBERT EDWARD .. ..                                      | { 119 Linden Grove, Nunhead, S.E.                        |
| 1905 Mar. 28.      | KING, JOHN LEONARD .. ..  | { 53 Friars Street, Sudbury, Suffolk.                    |
| 1903 Dec. 22.      | KING, JOSEPH STUART .. ..                                       | { Council Chambers, Beaconsfield Road, Friern Barnet, N. |
| 1904 Nov. 8.       | KING, LIONEL .. ..  | { Christchurch Vicarage, Ealing, W.                      |
| 1903 Jan. 20.      | KINGSBURY, PERCY CHARLES .. ..                                  | { 26 Tachbrook Street, Pimlico, S.W.                     |
| 1905 Mar. 14.      | { KINSEY, ARTHUR FRANCIS ST. }<br>JOHN .. ..                    | { Elmhurst, Castle Bar Hill, Ealing, W.                  |
| 1900 Nov. 27.      | { KIRBY, FREDERICK OSCAR }<br>M.Sc. (Manchester and Leeds)      | { 39 Waterdale, Doncaster.                               |
| 1905 Mar. 28.      | KIRBY, HENRY GORE REGINALD                                      | { 14 Claverton Street, S. Belgravia.                     |
| 1906 Mar. 27.      | KIRBY, SIDNEY JAMES .. ..                                       | { Carlton House, Batley, Yorks.                          |
| 1903 Nov. 10.      | KNIGHT, WALTER DINGLE .. ..                                     | { Wady Halfa, Sudan.                                     |
| 1904 Nov. 8.       | { KNOWLES, WILFRED, }<br>B.Sc. (Victoria) .. ..                 | { British Westinghouse Co., Norfolk Street, Strand, W.C. |
| 1903 Mar. 24.      | KOLLBRUNNER, HANS FRED .. ..                                    | { Umgeni Engine Works, Durban, Natal.                    |
| 1901 Dec. 17.      | { KRETZER, HERBERT KENNETH }<br>DE .. ..                        | { P. W. D., Colombo, Ceylon.                             |
| 1903 Nov. 10.      | LACE, ERNEST WILLIAM .. ..                                      | { Dowlaiswaram, Godavari District, Madras.               |
| 1903 Nov. 24.      | LACEY, ONWARD BATES .. ..                                       | { 265 Walthall Street, Crewe.                            |
| 1904 Feb. 16.      | { LACEY, STEPHEN, }<br>B.Sc. (Engineering) (Lond.)              | { Bridge House, Bromley-by-Bow, E.                       |

| Date of Admission. | STUDENTS.   |   |
|--------------------|---|---|
| 1903 Nov. 24.      | LAMBERT, LESLIE CARLTON ..  | 42 Breakspears Road, Brockley, S.E.                                 |
| 1905 Mar. 28.      | LAMBERT, SYDNEY NEWILL ..   | { G. N. Ry., Eng.'s Office, 74 Wellington Street, Leeds.            |
| 1905 Nov. 14.      | LANCASTER, ARTHUR NOEL ..   | West Garth, Rock Ferry, Cheshire.                                   |
| 1903 Mar. 10.      | LANCASTER, GILBERT COLLIER  | The White Cottage, Epsom, Surrey.                                   |
| 1906 Mar. 27.      | LANCASTER, WILFRID DRAKE  | Westgarth, Rock Ferry, Birkenhead.                                  |
| 1901 Nov. 19.      | LAPAGE, JOHN NORMAN ..  | 35 Bromley Road, Beckenham.   |
| 1903 Nov. 10.      | LATHAM, ERNEST, Jun. ..   | 234 Portsdown Road, Maida Vale, W.                                  |
| 1906 Feb. 6.       | LAUGHTON, ERNEST CHENEY   | { 16 Old Buildings, Lincoln's Inn, W.C.                             |
| 1905 Nov. 28.      | { LAURENCE, FREDERICK CUTHBERT PELHAM .. .. }                               | 30 Park Hill Road, East Croydon.                                    |
| 1900 Mar. 27.      | LAWRANCE, FREDERICK .. ..   | { Kendal Villa, Lower Hillmorton Road, Rugby.                       |
| 1905 Dec. 12.      | { LAWRENCE, ARTHUR LYNDON, B.A. ( <i>Cantab.</i> ) .. .. }                  | 12 Strathray Gardens, Hampstead, N.W.                               |
| 1906 Mar. 27.      | LAYMAN, LAWRENCE SYDNEY   | 4 The Waldrons, Croydon.  |
| 1904 Mar. 22.      | LE CLERCQ, ALFRED GEORGE  | S. Pearson & Son, Honda, Colombia.                                  |
| 1901 Dec. 11.      | LEE, HAYDN .. ..  | 78 Cardigan Road, Leeds.  |
| 1906 Mar. 27.      | { LEE, JOSEPH STANDISH SEARCHFIELD .. .. }                                  | Engineering School, Crystal Palace, S.E.                            |
| 1900 Nov. 27.      | LEEPER, LEONARD .. ..   | { Boro' Surveyor's Office, Great Yarmouth.                          |
| 1902 Nov. 5.       | LEES, GEOFFREY .. ..  | { c.o. Mrs. Burch, 16 Stanley Crescent, Kensington Park Gardens, W. |
| m 1904 Mar. 29.    | LEES, THOMAS, Junr. .. ..   | { C.P.R., Res. Eng.'s Office, Winnipeg, Canada.                     |
| 1904 Nov. 8.       | { LEFROY, CHARLES EDWIN, B.A. ( <i>Cantab.</i> ) .. .. }                    | Haresfield Vicarage, Stonehouse, Gloucestershire.                   |
| 1900 Nov. 27.      | { LEIGHTON, ARTHUR B.Sc. ( <i>Victoria</i> ), B.Eng. ( <i>Liverpool</i> ) } | 10 Belmont Hill, Lee, S.E.  |
| 1903 Mar. 24.      | LESLIE, JAMES .. ..   | 5 Douglas Gardens, Edinburgh.                                       |
| 1898 Dec. 6.       | LESTER, LLEWELLYN ROLLS ..  | { 45 Woodlands, Weashe Road, Manchester.                            |
| 1904 Dec. 20.      | { LEVESON, LANCELOT IRESON GORDON .. .. }                                   | Thames View, Bexley Road, Erith.                                    |
| 1904 Nov. 8.       | { LEWIS, ALFRED DALE, B.A. ( <i>Cantab.</i> ) .. .. }                       | Thos. Cook & Son, Bombay.   |
| 1903 Nov. 24.      | LEWIS, WILLIAM PHILLIP ..   | Abercanaid, Merthyr Tydfil.   |
| 1903 Mar. 31.      | { LEYLAND, JOHN DUNCAN FRANCIS .. .. }                                      | Crimsworth Dene, Perry Vale, Forest Hill, S.E.                      |
| 1905 Nov. 14.      | LIGHT, RONALD VIVIAN .. ..  | 15 Eglantine Rd., Wandsworth, S.W.                                  |
| 1903 Mar. 24.      | LIGHTFOOT, KENNETH .. ..  | 52 Garden Walk, Preston, Lanes.                                     |
| 1901 Nov. 19.      | { LINDLEY, EDWARD SEARLES, B.A. ( <i>Cantab.</i> ) .. .. }                  | Raipur, C. P., India.   |
| 1904 Mar. 29.      | { LINDLEY, FRANCIS EMIL SEARLES .. .. }                                     | 23 Winchelsea Avenue, Newark-on-Trent.                              |
| 1905 Jan. 10.      | LINNELL, ARTHUR EVELYN ..   | Old Whittington Hill, Chesterfield.                                 |
| 1902 Dec. 2.       | LINNELL, CHRISTOPHER HENRY  | { Dick, Kerr & Co., 130 High Road, S. Tottenham, N.                 |
| 1906 Mar. 27.      | LINNELL, THOMAS FORESTER ..   | Duddon Lodge, Tarporley, Cheshire.                                  |
| 1905 Mar. 28.      | LISTER, WILLIAM WATSON ..   | { 25 Wells Street, Scunthorpe, near Doncaster,                      |
| 1905 Nov. 28.      | LITTLEWOOD, FRANCIS WILLIAM   | Town Hall, Selby.   |
| 1905 Mar. 28.      | LLOYD, ROBERT STUART ..   | Oaklands, Brodenham Rd., Hereford.                                  |
| 1904 Mar. 29.      | LLOYD, WILLIAM EDWARD ..  | 38 Recreation Road, Stoke, Guildford.                               |
| 1903 Mar. 24.      | LOCKHART, WILLIAM DOUGLAS   | { c.o. Mrs. Lockhart, 2 Pembroke Cottages, Kensington, W.           |
| 1900 Nov. 27.      | LOGGIN, GEORGE NICHOLAS ..  | Harbour Works, Gibraltar.   |
| 1906 Mar. 6.       | LOTT, HARRY CHICKALL ..   | 56 Tower Street, Gainsborough.                                      |
| 1906 Mar. 27.      | LOVE, ROBERT .. ..  | Röckland, Rutherglen.   |

| Date of Admission, | STUDENTS,  |  |
|--------------------|--|--|
| 1903 Nov. 24.      | { LOVEGROVE, EDWIN GUY .. }<br>LIDSTONE .. .. .            | Engineer's Dept., G.N.R., King's Cross, N.                   |
| 1903 Nov. 24.      | LWSLEY, CONRAD OFFA ..                                     | Begari Canals, Jacobabad, India.                             |
| 1905 Mar. 28.      | LUCAS, REGINALD WILLIAM OWEN                               | { F. C. Buenos Aires-Rosario, Buenos Ayres, Argentina.       |
| 1900 Mar. 27.      | { LUKE, RICHARD CHARLES }<br>MONTAGUE .. .. .              | 23 Seaton Avenue, Mutley, Plymouth.                          |
| 1901 Nov. 19.      | LYONS, NICHOLAS DANIEL ..                                  | { 151 Abbeyfield Road, Pitsmoor, Sheffield.                  |
| 1903 Nov. 24.      | MAAS, NORMAN NATHAN ..                                     | 45 Harrison St., Barrow-in-Furness.                          |
| 1906 Mar. 27.      | McALISTER, ANGUS .. ..                                     | { Niven & Haddin, 131 West Regent Street, Glasgow.           |
| 1900 Dec. 18.      | { McCALLUM, ROBERT TOWSON, }<br>B.Sc. (Lond.) .. .. .      | 139 Osmaston Road, Derby.                                    |
| 1905 Nov. 28.      | McCASKILL, NEIL .. .. .                                    | { c/o Gillies, 16 Church Street, Glasgow, W.                 |
| 1904 Nov. 22.      | { McCRINDLE, JOHN ALEXANDER, }<br>B.Sc. (Glasgow) .. .. .  | 14 Eglinton Terrace, Ayr, N.B.                               |
| 1904 Mar. 29.      | { MACCULLOCH, WILLIAM }<br>STEVENSON .. .. .               | 1 Octavia Terrace, Greenock, N.B.                            |
| 1906 Mar. 27.      | { MACDONALD, ALEXANDER }<br>SIMPSON .. .. .                | D. J. Reid, 20 Church Street, Inverness.                     |
| 1903 Mar. 24.      | MACDONALD, STUART MAGNUS                                   | 41 Hook Road, Epsom.   |
| 1906 Mar. 27.      | McDONNELL, JAMES .. ..                                     | 47 Eccles Street, Dublin.                                    |
| 1905 Nov. 28.      | { MACFADZEAN, JAMES, }<br>B.Sc. (Glas.) .. .. .            | 7 Chalmers Road, Ayr.  |
| 1905 Nov. 14.      | { McGILLYCUDDY, HENRY ALEX- }<br>ANDER, B.E. (Royal) .. .. | 7 The Crescent, Galway.                                      |
| 1904 Nov. 8.       | MACGREGOR, KENNETH MIERS                                   | { 26 Adamson Road, Swiss Cottage, N.W.                       |
| 1905 Dec. 5.       | McINERNY, JAMES RICHARD ..                                 | { Royal Indian Engineering College, Coopers Hill, Surrey.    |
| 1904 Dec. 20.      | { McKAY, ROBERT FERRIER, }<br>B.Sc. (Durham) .. .. .       | 37 Galbraith Street, Poplar, E.                              |
| 1902 Mar. 25.      | MACKENZIE, ALLAN CAMPBELL                                  | { Engineer's Office, Canadian Pacific Ry., Montreal, Canada. |
| 1905 Mar. 28.      | { MACKICHAN, ALEXANDER }<br>SOMERLED .. .. .               | 4 Park Quadrant, Glasgow.                                    |
| 1903 Mar. 24.      | MACKIE, RONALD HASTINGS ..                                 | { 58 Cranley Gardens, Muswell Hill, N.                       |
| 1904 Nov. 29.      | McLAREN, HENRY .. .. .                                     | Glenholme, Far Headingley, Leeds.                            |
| 1905 Nov. 28.      | McLAREN, HENRY JAMES ..                                    | 2 Ridge Mount, Leeds.  |
| 1905 Dec. 12.      | McLAREN, WILLIAM DICK ..                                   | { 12 Leslie Street, Pollokshields, Glasgow.                  |
| 1906 Feb. 6.       | { McLAUGHLIN, WILLIAM REGI- }<br>NALD .. .. .              | 8 Old Park Avenue, S.W.                                      |
| 1903 Nov. 24.      | McLAY, DAVID BIRD .. ..                                    | Rose Lea, Uddingston.  |
| 1905 Mar. 28.      | MACLEAN, ALEC CLARKSON ..                                  | 24 Hayne Road, Beckenham S.E.                                |
| 1906 Mar. 27.      | McLINTOCK, ADAM ARTHUR ..                                  | { 10 Regent Park Terrace, Strathbungo, Glasgow.              |
| 1903 Nov. 24.      | MACNAB, ALASTAIR MARCELL                                   | A. Scott & Co., Rangoon, Burma.                              |
| 1906 Mar. 27.      | McNAB, WILLIAM BARR ..                                     | { 510 Springburn Road, Springburn, Glasgow.                  |
| 1903 Nov. 24.      | { MADAPA, APPARANDRA }<br>B PANNA .. .. .                  | Beulah, Nagpur, C. P., India.                                |
| 1903 Nov. 24.      | { MADDOX, FRANCIS JOSEPH }<br>WILLIAM .. .. .              | Mme. L. Dubois, 27 Rue Perrouet, Neuilly, Paris.             |
| 1904 Nov. 8.       | MAINPRICE, GEOFFREY DENNIS                                 | The Birches, Sutton, Macclesfield.                           |



|     | Date of Admission. | STUDENTS.   |   |
|-----|--------------------|---|---|
|     | 1903 Nov. 10.      | { MALTHUS, ROBERT,<br>B.A. ( <i>Cantab.</i> ) .. .. } | Dalton Hill, Albury, Guildford.                                   |
|     | 1905 Mar. 28.      | MANISTY, HENRY SCOTT ..                               | Mount Pleasant, Kingsbury, N.W.                                   |
|     | 1906 Mar. 6.       | MANLEY, EDWARD LOVELL ..                              | { Royal Indian Engineering College,<br>Coopers Hill, Staines.     |
|     | 1903 Nov. 10.      | MANSON, FREDERICK PERCY ..                            | Bengal N.W. Ry., Gorakhpur, India.                                |
|     | 1899 Nov. 28.      | MARRIOTT, EDWARD GUY ..                               | Madras Ry. Co., Madras.   |
|     | 1906 Jan. 23.      | MARSDEN, ELI .. .. .                                  | 10 Highfield Road, Darwen.  |
|     | 1905 Mar. 28.      | MARSDEN, WILFRED WALKER ..                            | 54 Newbold Road, Chesterfield.                                    |
|     | 1904 Nov. 15.      | MARSH, GODFREY SUTCLIFFE ..                           | The Dacca Club, Dacca, Assam.                                     |
|     | 1903 Jan. 27.      | MARSH, HARRY EVELYN ..                                | Broom Grove House, Sheffield.                                     |
|     | 1906 Jan. 9.       | MARSHALL, ARTHUR BERFORD                              | { Mrs. Bradbury, 110 Belvedere Road,<br>Burton-on-Trent.          |
|     | 1903 Nov. 24.      | MARSLAND, HAROLD .. ..                                | { c.o. Jacks & Co., 49 Leadenhall<br>Street, E.C.                 |
|     | 1904 Mar. 29.      | MARTIN, ALICK GREGORY ..                              | { R. E. W. Berrington, Lichfield<br>Street, Wolverhampton.        |
|     | 1904 Nov. 29.      | MARTIN, NATHANIEL .. ..                               | { 7 Woodend Drive, Jordanhill,<br>Glasgow. [India.                |
|     | 1899 Nov. 28.      | MARTIN, OSWALD STUART ..                              | Mirpur Khas, Thar & Parker, Sind,                                 |
|     | 1899 Dec. 5.       | MARTIN, RICHARD HARRINGTON                            | S. I. Ry., Trichinopoly, India.                                   |
|     | 1905 Nov. 14.      | MASCALL, REGINALD ARTHUR                              | Oakfield, Newington, Ramsgate.                                    |
|     | 1904 Nov. 29.      | MASON, HUMPHREY FRANCIS ..                            | Northcliffe, Felixstowe, Suffolk.                                 |
|     | 1906 Mar. 27.      | MATHESON, ARTHUR HAROLD                               | 18 Connaught Avenue, Plymouth.                                    |
|     | 1901 Mar. 26.      | MATHEW, HAROLD BERTRAM ..                             | Borough Engineer's Office, Dover.                                 |
|     | 1905 Mar. 28.      | MAULKINSON, HARRY YOUNG                               | Shirehall, Shrewsbury.  |
|     | 1903 Mar. 17.      | MAY, AWDRY JOHN .. ..                                 | Lyneham, Willow Grove, Chislehurst.                               |
|     | 1905 Nov. 28.      | MAY, CHARLES EDWIN .. ..                              | 33 Woolcomber Street, Dover.                                      |
|     | 1905 Mar. 28.      | MAY, FRANK .. .. .                                    | 34 Lancaster Road, S. Norwood, S.E.                               |
|     | 1905 Apr. 11.      | MAYER, JULIUS JOSEPH .. ..                            |   |
|     | 1902 Mar. 25.      | MAYHEW, ERNEST FORD WATSON                            | County Surveyor's Office, Brecon.                                 |
|     | 1906 Mar. 27.      | MAYHG, JOSEPH .. .. .                                 | 7 Hard Lane, St. Helens.  |
|     | 1902 Mar. 25.      | MEAD, JOHN ROBERT .. ..                               | { Boro' Eng.'s Office, Town Hall,<br>Birkenhead.                  |
|     | 1904 Nov. 29.      | MEDWORTH, FRANK OSWALD ..                             | { c.o. T. Cook & Son, Esplanade Road,<br>Bombay.                  |
|     | 1905 Nov. 14.      | MELLOR, HERBERT EDWARD ..                             | { 19 Chatham Grove, Withington,<br>near Manchester.               |
|     | 1903 Mar. 24.      | MESSENT, EDWIN JOSIAH ..                              | Boro' Engineer's Office, Southend.                                |
|     | 1902 Mar. 25.      | MEYRICK, FREDERICK CHARLES                            | { Claypole R.D.C., Brant Broughton,<br>Newark.                    |
|     | 1901 Dec. 11.      | MICHAEL, RICHARD EDWARD ..                            | Brook House, Tylorstown, Glam.                                    |
|     | 1901 Nov. 19.      | MIDDLETON, CYRIL .. .. .                              | { 24 Warrington Road, Newcastle-on-<br>Tyne.                      |
| m   | 1900 Mar. 27.      | MIDDLETON, HARRY .. ..                                | { 25 Mayfair Road, Newcastle-on-<br>Tyne.                         |
|     | 1902 Nov. 5.       | MIDDLETON, REGINALD FAIRFAX                           | 90 Kensington Park Road, W.                                       |
|     | 1901 Dec. 11.      | MILEHAM, CHRISTOPHER JOHN                             | 12 Albert Rd., Regent's Park, N.W.                                |
|     | 1906 Mar. 27.      | MILES, REGINALD .. .. .                               | { Stanley Villa, Hanover Road,<br>Canterbury.                     |
|     | 1901 Nov. 19.      | MILLER, HUGH ALEXANDER ..                             | Fairfields, Tuddenham Road, Ipswich.                              |
|     | 1904 Nov. 29.      | MILLIKEN, ARTHUR .. ..                                | Milton House, Callander, Perthshire.                              |
|     | 1902 Mar. 11.      | MILLIKEN, ROBERT CECIL ..                             | { Willans & Robinson, Victoria Works,<br>Rugby.                   |
| t ✕ | 1903 Dec. 22.      | { MILLINGTON, WILLIAM ERNEST<br>WYATT .. .. .         | { 78 Gainsborough Street, Werneth,<br>Oldham.                     |
|     | 1905 Mar. 28.      | MILLS, FRANCIS JOSEPH .. ..                           | 7 Spencer Road, Coventry.   |
|     | 1905 Mar. 28.      | MILLS, FREDERICK OLDHAM ..                            | { Canadian White Co., Ltd., Sovereign<br>Bank Building, Montreal. |
|     | 1904 Nov. 29.      | MILNE, JAMES, B.Sc. ( <i>Victoria</i> )               | 13 Gloucester Terrace, Swindon.                                   |
|     | 1899 Nov. 28.      | MILNER, JAMES DALTON ..                               | Town Hall, Hull.  |
|     | 1900 Apr. 10.      | MINORS, ERNEST .. .. .                                | City Engineer's Office, Worcester.                                |

| Date of Admission. | STUDENTS.  |   |
|--------------------|--|---|
| 1904 Nov. 29.      | MINSHULL, JOHN WILLIAMS ..   | City Technical Schools, Kilkenny.                             |
| 1904 Nov. 8.       | MIRZA, MOOSSA ALI .. ..  |   |
| 1905 Nov. 14.      | { MITCHELL, ALEC LEA,<br>B.A. ( <i>Cantab.</i> ) .. .. }               | 27 Bouverie Square, Folkestone.                               |
| 1900 Nov. 27.      | { MITCHELL, ALEXANDER<br>CAMERON, Jun. .. .. }                         | Engr.'s Office, Tranmere River Wall,<br>Birkenhead.           |
| 1905 Nov. 14.      | { MITCHELL, ARCHIBALD ROBERT-<br>SON .. .. }                           | 33 Lancaster Rd., Hampstead, N.W.                             |
| 1906 Mar. 27.      | MITCHELL, ARTHUR STANLEY   | 12 Feversham Terrace, York.                                   |
| 1906 Mar. 20.      | MITCHELL, KENNETH GRANT  | { Central Technical College, South<br>Kensington, S.W.        |
| 1905 Jan. 10.      | MITCHELL, REGINALD ST. JOHN  | 25 Bargery Road, Catford, S.E.                                |
| 1905 Nov. 14.      | MOHINDAR, NAUBAT RAI ..  | 3 Glazbury Rd., West Kensington, W.                           |
| 1905 Nov. 21.      | { MONCUR, JAMES, Junr.<br>B.Sc. ( <i>Birmingham</i> ) .. .. }          | Rowley Park, Stafford. [N.                                    |
| 1901 Nov. 19.      | MONK, REUBEN GEORGE ..   | 195 Junction Road, Upper Holloway,                            |
| 1905 Mar. 28.      | MONK, RICHARD GILL .. ..   | 13 St. Lawrence Road, Plymouth.                               |
| 1904 Nov. 29.      | MONTGOMREY, JAMES EDWARD   | { Everton, Donoughmore Road, Bos-<br>combe, Hants.            |
| 1906 Apr. 3.       | { MONTGOMERY, RICHARD NA-<br>THANIEL, B.A., B.A.I. ( <i>Dublin</i> ) } | 5 Elgin Road, Dublin.   |
| 1906 Mar. 27.      | MOON, RICHARD CHARLES ..   | 117 Edward Street, Nuneaton.                                  |
| 1904 Nov. 15.      | MOORE, GERALD MILNER ..  | 2 Glenluce Road, Blackheath, S.E.                             |
| 1903 Feb. 17.      | MOORE, DOUGLAS OWEN MILNER   | 61 Hill St., Springburn, Glasgow.                             |
| 1905 Jan. 10.      | MOORE, JAMES .. ..   | Llandaff Hall, Merrion, Co. Dublin.                           |
| 1903 Feb. 17.      | MORAN, HENRY .. ..   | { Mill Hill House, Barnes Common,<br>S.W.                     |
| 1902 Mar. 25.      | MORGAN, SYDNEY HUBERT ..   | { Boro' Engineer's Office, Middles-<br>brough.                |
| 1905 Mar. 28.      | MORRIS, ARNOLD .. ..   | { 41 Wellington Road, Heaton Chapel,<br>Stockport.            |
| 1906 Mar. 20.      | MORRIS, DAVID JOHN .. ..   | 3 Gloucester Place, Swansea.                                  |
| 1905 Nov. 14.      | MORRIS, JAMES HULBERT ..   | 6 Windsor Street, Swansea.                                    |
| 1902 Mar. 25.      | MORRIS, RICHARD VIVIAN ..  | { c.o. W. Morris, Kent Waterworks,<br>Deptford, S.E.          |
| 1903 Nov. 10.      | { MORSE, LEOPOLD GEORGE<br>ESMOND .. .. }                              | King's College, Cambridge.                                    |
| 1905 Nov. 28.      | MORTON, FRANK LYLE .. ..   | { c.o. Divisional Eng., C. & S. Ry.,<br>Bethlehem, S. Africa. |
| 1905 Dec. 5.       | { MORTON-MONCRIEFF, ARTHUR<br>OSWALD .. .. }                           | Royal Indian Engineering College,<br>Coopers Hill, Surrey.    |
| 1905 Mar. 28.      | MORTON, ROBERT MUIR .. ..  | { Main Drainage Works, Partick,<br>Glasgow.                   |
| 1903 Jan. 13.      | { MOSER, FREDERICK WALCOTT<br>FRANKLAND .. .. }                        | 27 Granville Gardens, Shepherd's<br>Bush, W.                  |
| 1899 Feb. 14.      | { MOSTYN, ROBERT VIVIAN<br>WILKINSON .. .. }                           | 33 Brunswick Square, W.C.                                     |
| 1904 Nov. 8.       | MOWELHY, ABDEL LATIF EL.   | Mohamed Aly Street, Cairo, Egypt.                             |
| 1900 Dec. 18.      | { MOUNT, ALAN HENRY<br>LAURENCE, <i>Lieut. R.E.</i> .. }               | Lakefoot, Reading.  |
| 1904 Mar. 29.      | MUDD, ARTHUR .. ..   | { City Surveyor's Office, Town Hall,<br>Chester.              |
| 1904 Mar. 22.      | MUIRHEAD, THOMAS .. ..   | 188 West Regent Street, Glasgow.                              |
| 1902 Nov. 5.       | MUNRO, ROBERT CLARKE ..  | { 123 Lordship Road, Stoke New-<br>ington, N.                 |
| 1904 Nov. 8.       | { MURRAY, HENRY KINGSTONE,<br>B.A. ( <i>Dublin</i> ) .. .. }           | Ballyglass, Mullingar.  |
| 1905 Dec. 5.       | MURRAY, JOHN, B.A. ( <i>Cantab.</i> )                                  | Rahauna, Ardee, Co. Louth, Ireland.                           |
| 1906 Mar. 27.      | MURRAY, ROBERT HUTCHISON   | { Glasgow Main Drainage Works,<br>Partick, Glasgow.           |
| 1902 Mar. 25.      | MURRAY, WALTER .. ..   | { Midland Ry., Engineer's Office,<br>Derby.                   |

| Date of Admission. | STUDENTS.  |   |
|--------------------|--|---|
| 1906 Apr. 10.      | MUSTO, ARNOLD ALBERT ..                                      | 17 Cottage Grove, Bow, E.   |
| 1906 Mar. 6.       | MYERS, HORACE ABRAHAM ..                                     | 22 Park Road, West Dulwich, S.E.                                  |
| 1902 Nov. 5.       | NAPPER, WILLIAM ERNEST ..                                    | { B. & N. W. Ry., Gorakhpur, N.W.P., India.                       |
| 1906 Mar. 27.      | { NASH, HENRY ALGERNON<br>FRAZER .. .. . }                   | { 115 Adelaide Road, South Hampstead, N.W.                        |
| 1903 Mar. 24.      | NASH, THOMAS STANLEY ..                                      | 78 Wrotesley Road, Plumstead.                                     |
| 1905 Mar. 14.      | { NEALOR, JOHN,<br>B.Sc. (Engineering) (Lond.) }             | { 1 The Elms, Wembley, Middlesex.                                 |
| 1903 Dec. 15.      | NEILSON, JAMES .. .. .                                       | { K.G. Ry., Nimasarai, Molda, E. Bengal, India.                   |
| 1904 Mar. 29.      | NEILSON, ROBERT .. .. .                                      | Irrigation Dept., Colombo, Ceylon.                                |
| 1902 Mar. 25.      | NETTELTON, OSCAR TRAVES ..                                   | { Borough Engineer's Office, Town Hall, Reading.                  |
| 1904 Nov. 29.      | { NEWCOMBE, CHARLES PERCY<br>HAMILTON .. .. . }              | { 43 Achilles Road, W. Hampstead, N.W.                            |
| 1902 Nov. 5.       | { NEWLANDS, JOHN ERIC,<br>B.Sc. (Edin.) .. .. . }            | { Chief Engineer's Office, C. P. Ry., Montreal.                   |
| 1903 Nov. 24.      | NEWTON, HAROLD ALEXANDER                                     | 21 Hallgate, Doncaster.   |
| 1905 Nov. 28.      | { NEWTON, HORACE WILLIAM<br>GOODWIN, B.A. (Cantab.) . }      | { c/o Sir Douglas Fox & Partners,<br>28 Victoria Street, S.W.     |
| 1905 Mar. 7.       | NEWTON, KENNETH .. .. .                                      | Lynwood, Oldham.  |
| 1905 Mar. 28.      | NEWTON, WILLIAM HENRY ..                                     | { Lynton House, Manchester Road,<br>Ashton-under-Lyne.            |
| 1902 Feb. 4.       | { NEWTON - CLARE, EDWARD<br>THOMAS .. .. . }                 | { The Ferns, Beckenham, Kent.                                     |
| 1906 Mar. 27.      | NICHOLL, WILLIAM HAROLD ..                                   | 28 Victoria Street, S.W.  |
| 1903 Dec. 22.      | { NICHOLSON, HARRY LECHLER,<br>B.Sc. (Lond.) .. .. . }       | { Arbuthnot & Co., Madras.  |
| 1902 Nov. 5.       | { NICHOLSON, HORACE WATSON,<br>B.Sc. (Engineering) (Lond.) } | { c.o. King, King & Co., Bombay.                                  |
| 1906 Mar. 27.      | NICHOLSON, JOHN .. .. .                                      | 304 London Road. Dover.   |
| 1903 Nov. 10.      | NICHOLSON, JOHN HEDLEY ..                                    | { 49 Percy Road, Whitley Bay,<br>Northumberland.                  |
| 1900 Nov. 27.      | NISBET, WALTER SELWYN ..                                     | Egyptian State Rys., Cairo.                                       |
| 1901 Mar. 26.      | NIVEN, ERNEST CUMMING ..                                     | { Port Engineer's Office, Rangoon,<br>Burma.                      |
| 1902 Nov. 5.       | NIXON, ALEXANDER KENNEDY                                     | { 6 St. George's Chambers, Cape Town,<br>C.C.                     |
| 1904 Mar. 29.      | NOBLE, PETER .. .. .   | Thames Ironworks, Tidal Basin,                                    |
| 1900 Feb. 13.      | { NORRIE, CHARLES MATTHEW,<br>B.Sc. (St. Andrews) .. .. }    | { Skipton Waterworks, Engr.'s Office,<br>Embsay, Yorks.           |
| 1904 Nov. 8.       | NORRIS, PERCIVAL MORTON ..                                   | { Woodland House, Brislington, near<br>Bristol.                   |
| 1904 Nov. 22.      | NORRISH, HUGH ROPER BARRETT                                  | { Hawley House, 7 Tudor Road, Upper<br>Norwood, S.E.              |
| 1903 Nov. 24.      | NORTHCOTE, EDWARD STAFFORD                                   | 71 Dublin Road, Belfast.  |
| 1905 Nov. 28.      | NORTHEY, HENRY STEWART ..                                    | { Royal Indian Engineering College,<br>Coopers Hill, Surrey.      |
| 1906 Mar. 27.      | NOTLEY, CHARLES .. .. .                                      | Minster Street, Salisbury.  |
| 1903 Nov. 24.      | OAKDEN, EDWARD .. .. .                                       | { 482 South Pierce Street, Third<br>Avenue, Milwaukee, Wis., U.S. |
| 1905 Mar. 28.      | OBORN, STANLEY MILL .. ..                                    | Borough Surveyor's Office, Swansea.                               |
| 1902 Nov. 25.      | O'BRIEN, JOSEPH ANDREW ..                                    | { Selby House, Weighon Road,<br>Anerley, S.E.                     |
| 1902 Jan. 28.      | OGSTON, HAMISH NORMAN ..                                     | { Coundon Villa, Coundon Road,<br>Coventry.                       |



| Date of Admission. | STUDENTS.   |   |
|--------------------|---|---|
| 1904 Nov. 29.      | OHLSON, ARTHUR LOWE .. ..                             | { Cedarcroft, The Chase, Clapham, S.W.                    |
| 1903 Nov. 24.      | OLDFIELD, ALF .. ..                                   |   |
| 1905 Nov. 14.      | OLDHAM, WALTER FREDERICK                              | { 33 Demesne Road, Alexandra Park, Manchester.            |
| 1903 Nov. 24.      | ONSLow, GUY CLEVELAND ..                              | St. Anne's, Midhurst, Sussex.                             |
| 1906 Mar. 27.      | ORAM, ROBERT EDGAR CECIL                              | 35 Pepys Road, New Cross, S.E.                            |
| 1901 Dec. 3.       | ORME-WEBB, JAMES RODNEY..                             | { Assam Rys. & Trading Co., Dibrugarh, Assam.             |
| 1902 Jan. 21.      | { ORMISTON-CHANT, THOMAS<br>CLEMENT .. .. .           | { Heenan & Froude, 4 Chapel Walk, Manchester.             |
| 1904 Mar. 29.      | { ORRINSMITH, ROBERT EDWARD<br>HARVEY .. .. .         | { Sunny Bank, Christchurch Road, Hampstead, N.W.          |
| 1903 Dec. 22.      | OSBORNE, ALEC FERGUSON ..                             | { M. Ry., Eng.'s Office, 200 Bradford Road, Huddersfield. |
| 1904 Nov. 8.       | OSLER, RICHARD HUTTON ..                              | 2 John Street, Hampstead, N.W.                            |
| 1901 Dec. 11.      | OSMOND, HAROLD .. ..                                  | Laurel Farm, Totteridge.                                  |
| 1903 Dec. 15.      | OSTLER, GEORGE ARTHUR ..                              | { Cromwell Cottage, Oxford Road, Bournemouth.             |
| 1903 Dec. 15.      | O'SULLIVAN, VINCENT .. ..                             | 12 Patrick Street, Cork.                                  |
| 1901 Nov. 19.      | OTWAY, PERCY MACEWAN ..                               | 59 Cambridge Road, Hastings.                              |
| 1903 Mar. 24.      | OWEN, HENRY ATKINSON ..                               | City Engineer's Office, Leeds.                            |
| 1904 Nov. 29.      | OWEN, OSWALD .. ..                                    | 5 Belgrave Terrace, South Shields.                        |
| 1904 Nov. 29.      | OXLEY, HALLIFIELD HENRY ..                            | 37 Surrey Street, Sheffield.                              |
| 1905 Jan. 17.      | PAGE, LIONEL .. ..                                    | Town Hall, Mowbray, C.C.                                  |
| 1905 Mar. 28.      | PAGNAM, JOE .. ..                                     | 251 Lytham Road, Blackpool.                               |
| 1904 Mar. 29.      | PAIN, CLAUDE .. ..                                    | A. C. Pain, 17 Victoria Street, S.W.                      |
| 1906 Mar. 27.      | PALETHORPE, GEORGE WILLIAM                            | 30 Gladstone Street, Hull.                                |
| 1906 Mar. 27.      | PALMER, EDWARD ARTHUR ..                              | 11 Grosvenor Crescent, St. Leonards.                      |
| 1904 Nov. 29.      | PARKER, EDGAR GEORGE ..                               | 64 Grove Park, Camberwell.                                |
| 1906 Mar. 27.      | PARKER, THOMAS WINT WEIR                              | 38 Portland Place, Hamilton, N.B.                         |
| 1904 Nov. 29.      | PARKINSON, JAMES .. ..                                | { 38 Stanley Road, Patricroft, near Manchester.           |
| 1903 Nov. 10.      | PARMITER, EUSTACE RAYNE ..                            | { Engineer's Office, Midland Ry., Derby.                  |
| 1905 Nov. 14.      | { PARRY, FRANCIS ALEXANDER,<br>B.A. (Cantab.) .. .. . | { 21 Hall Gate, Doncaster.                                |
| 1906 Jan. 16.      | { PARRY, WILLIAM THOMAS,<br>B.Sc. (Lond.) .. .. .     | { 11 Canning Street, Ton Pentre, Glam.                    |
| 1903 Mar. 24.      | { PATERSON, ALEXANDER<br>McCULLOCH .. .. .            | { West Point, Shipley, Yorks.                             |
| 1904 Mar. 29.      | PATERSON, GEORGE STUART ..                            | West Point, Shipley, Yorks.                               |
| 1904 Nov. 29.      | PATERSON, JAMES ANDREW ..                             | 14 Botchergate, Carlisle.                                 |
| 1901 Dec. 11.      | PATTERSON, FRANCIS TUCKER ..                          | Town Hall, East London, C.C.                              |
| 1904 Mar. 29.      | PATTERSON, JOSEPH ALBERT..                            | { Trevor, Tilford Road, Farnham, Surrey.                  |
| 1904 Mar. 29.      | PAWLEY, FRANK LURCOTT ..                              | Quarry Bank, Hessle, East Yorks.                          |
| 1906 Mar. 27.      | PEACH, LEONARD WILLIAM ..                             | Elmhurst, Tillington, Stafford.                           |
| 1906 Mar. 27.      | PEAL, EDWARD RAYMOND ..                               | { Oakhurst, St. Stephen's Road, Ealing, W.                |
| 1905 Nov. 14.      | PEARCE, EDWARD OSCAR ..                               | { Central Technical College, Exhibition Road, S.W.        |
| 1906 Mar. 27.      | PEARSON, JOHN HESKETH ..                              | 281 West Street, Crewe.                                   |
| 1905 Dec. 12.      | PEDDIE, KENNETH .. ..                                 | { Royal Indian Engineering College, Coopers Hill, Surrey. |
| 1902 Dec. 2.       | PENNEY, JOHN ERNEST .. ..                             |   |
| 1905 Jan. 10.      | PEPPER, THOMAS OSWALD ..                              | 72 Ballham Park Road, S.W.                                |
| 1903 Dec. 15.      | { PEPPERCORN, GEOFFREY<br>ARTHUR .. .. .              | { c.o. Pearson & Son, New Dry Docks, Malta.               |
| 1906 Mar. 20.      | PERCIVAL, CLIVE .. ..                                 | 37 Dyke Road, Brighton.                                   |

| Date of Admission. | STUDENTS.  |   |
|--------------------|--|---|
| 1905 Mar. 28.      | PERCY, NORMAN CROOK .. ..                                  | Byculla Ironworks, Bombay.  |
| 1904 Nov. 8.       | PERFECT, STANISLAUS RANDOLPH                               | Barabanki, Oudh, India.   |
| 1905 Nov. 28.      | { PERRY, ARTHUR STANLEY<br>HARRIS .. .. . }                | Royal Indian Engineering College,<br>Coopers Hill, Surrey.            |
| 1903 Dec. 22.      | PETERS, REGINALD .. ..                                     | Tile House, Mount Vale, York.   |
| 1904 Nov. 8.       | PETRIE, JOHN CAMPBELL EGGAR                                | { c.o. H. M. Hemsley, 22 Mount<br>Avenue, Ealing, W.                  |
| 1902 Feb. 4.       | { PEYRECAVE, LOUIS FRANÇOIS<br>DE .. .. . }                | 40 Brunswick Terrace, Hove,<br>Sussex.                                |
| 1904 Nov. 8.       | { PHILPOT - BROOKES, CHARLES<br>HASTINGS HUGH .. .. . }    | 20 Mornington Road, Bow.  |
| 1905 Mar. 28.      | PICARDO, ALVARO JOSÈ .. ..                                 | 28 Miskin Road, Dartford, Kent.                                       |
| 1901 Mar. 26.      | PICKLES, FRANK ATKINSON ..                                 | The Hirst, Saltaire, Shipley, Yorks.                                  |
| 1906 Jan. 23.      | PIERCY, JAMES EDWARD .. ..                                 | Borough Eng.'s Office, Huddersfield.                                  |
| 1902 Nov. 5.       | PIERREPONT, GERVAS EVELYN                                  | Higham Grange, Nuneaton.  |
| 1903 Mar. 24.      | PIKE, EUSTACE ROYSTON BAUM                                 | Island House, Loughborough.   |
| 1905 Dec. 5.       | PILE, WALTER DEVEREUX .. ..                                | 36 Avenue Road, Hampstead, N.W.                                       |
| 1902 Mar. 25.      | PINK, EDWARD SIDNEY .. ..                                  | { Engineer's Office, Dearne Valley<br>Railway, Springwell, Doncaster. |
| 1904 Jan. 12.      | PINK, HAROLD WILLIAM .. ..                                 | { Catherington, Hillborough Crescent,<br>Southsea.                    |
| 1904 Nov. 29.      | { PINSON, ALBERT ONSLOWE<br>WHEELER DAY .. .. . }          | 236 Croxted Road, Herne Hill, S.E.                                    |
| 1903 Nov. 24.      | PIPE, THOMAS SYLVANUS .. ..                                | { St. Saviour's Road, Saltley, Bir-<br>mingham.                       |
| 1903 Mar. 31.      | PITCAIRN, WILLIAM ERSKINE                                  | 16 Constantine Road, N.W.   |
| 1901 Nov. 19.      | PLANTE, STANLEY GEDGE .. ..                                | { Engineering Standard Committee,<br>28 Victoria Street, S.W.         |
| 1902 Nov. 11.      | { PLATT, WILFRED,<br>B.Sc. (Victoria) .. .. . }            | { Morredge, Manchester Road, Roch-<br>dale.                           |
| 1905 Nov. 14.      | { POLE, EDWARD FRANCIS REGI-<br>NALD .. .. . }             | Westfields, Wrecclesham, Farnham.                                     |
| 1903 Nov. 24.      | { POLLARD, ARMELL RICHARD,<br>B.A. (Cantab.) .. .. . }     | Grindlay, Groom & Co., Bombay.  |
| 1906 Mar. 27.      | POLLOCK, CHARLES ALBERT ..                                 | The University, Leeds.  |
| 1904 Nov. 8.       | PONT, LEON VICTOR .. ..                                    | { Petworth House, Land's End Place,<br>Chippenham, Wilts.             |
| 1901 Dec. 11.      | POOL, HAROLD .. .. .                                       | 10 Jasper Street, Hanley, Staffs.                                     |
| 1906 Apr. 3.       | POOLE, ARTHUR JOHN .. ..                                   | 1 Cedar Street, Gorton, Manchester.                                   |
| 1902 Mar. 11.      | POPE, ARTHUR .. .. .                                       | Hatfield, The Grove, Slough.  |
| 1904 Nov. 29.      | POYNTING, ARTHUR .. ..                                     | { 10 Ampton Road, Edgbaston, Bir-<br>mingham.                         |
| 1901 Nov. 19.      | PRATT, FRANCIS GERALD .. ..                                | 1 St. Barnabas Road, Cambridge.                                       |
| 1903 Mar. 31.      | PRESTON, FRANK MATTHEW ..                                  | 6 Albert Road, Saltaire.  |
| 1902 Nov. 5.       | PRICE, WILLIAM JAMES .. ..                                 | 3 Albacore Crescent, Lewisham, S.E.                                   |
| 1905 Apr. 11.      | { PRIESTLEY, ADAM,<br>B.Sc. (Victoria) .. .. . }           | c.o. J. Priestley, The Green, Quat-<br>ford, Bridgnorth.              |
| 1904 Dec. 13.      | { PRIMROSE, CLIVE MACFARLANE,<br>B.Sc. (Glasgow) .. .. . } |   |
| 1904 Nov. 8.       | { PRING, JOHN GRATTON,<br>B.A. (Cantab.) .. .. . }         | { 12 Carlingford Road, Hampstead,<br>N.W.                             |
| 1904 Nov. 8.       | { PROWDE, OSWALD LONGSTAFF,<br>B.A. (Cantab.) .. .. . }    | Irrigation Service, 2nd Circle,<br>Cairo, Egypt.                      |
| 1905 Dec. 12.      | PULLEN, JOHN EDWARD .. ..                                  | 17 Rupert Street, Wolverhampton.                                      |
| 1905 Mar. 28.      | PULLINGER, HERBERT WILLIAM                                 | Chertsey Road, Woking.  |
| 1902 Jan. 28.      | PURI, KASHI RAM .. .. .                                    | Asst. Eng., Kapurthala, Punjab.                                       |
| 1903 Dec. 15.      | QUARTANO, ANDREW .. ..                                     | { 16 Beech Grove Road, Newcastle-<br>on-Tyne.                         |
| 1906 Mar. 27.      | QUEST, WILLIAM .. .. .                                     | Court House, Barnsley.  |

| Date of Admission. | STUDENTS.  |  |
|--------------------|--|--|
| 1905 Jan. 10.      | RADFORD, ALAN BRUCE ..   | { Water Eng.'s Office, Municipal Buildings, Liverpool.           |
| 1904 Nov. 8.       | { RADICE, WILLIAM ARCHIBALD,<br>B.A. ( <i>Cantab.</i> ) .. .. }                | B.B. & C.I. Ry., Bombay, India.                                  |
| 1902 Mar. 25.      | RAFFETY, SIDNEY ROBERT ..  | { Gosport Waterworks, nr. Wickham, Hants.                        |
| 1906 Mar. 27.      | RAINE, HUBERT .. ..  | 67 Warwick Road, Earl's Court, S.W.                              |
| 1904 Mar. 22.      | { RASHLEIGH, WILLIAM STUART,<br>B.A. ( <i>Cantab.</i> ) .. .. }                | Stoketa, Saltash, Cornwall.                                      |
| 1905 Nov. 28.      | RATCLIFFE, ROBERT .. ..  | South View, Lee Mill, Bacup.                                     |
| 1903 Nov. 10.      | { RAVENHILL, DOUGLAS WALTER<br>JULIUS .. .. }                                  | Victoria Lodge, Millbrook, Southampton.                          |
| 1905 Mar. 28.      | REED, ALBERT RALPH .. ..   | The Grange, Streatham, S.W.                                      |
| 1905 Nov. 14.      | REGNARD, LOUIS MAURICE ..  | { Central Technical College, South Kensington, S.W.              |
| 1905 Mar. 28.      | RENNIE, JOHN ALEXANDER ..  | { 3 Beechwood Terrace, Shettleston, near Glasgow.                |
| 1904 Mar. 29.      | REYNOLDS, LEETHEM .. ..  | Sandal, Wakefield.   |
| 1905 Nov. 28.      | RICE, HUBERT CURTES .. ..  | Brinton, Melton Constable, Norfolk.                              |
| 1906 Jan. 9.       | RICE-OXLEY, MONTAGUE KEITH   | 5 Kensington Square, W.  |
| 1901 Mar. 12.      | { RICHARDS, BERTRAM DARELL,<br>B.Sc. ( <i>Engineering</i> ) ( <i>Lond.</i> ) } | e.o. Capt. J. C. Richards, Elms, Mason's Hill, Bromley, Kent.    |
| 1899 Nov. 28.      | RICHARDS, WILLIAM BRAILEY  | Betwa Canal, Jhansi, U.P., India.                                |
| 1903 Mar. 24.      | RICHARDSON, CHARLES THOMAS   | Boro' Engineer's Office, Dover.                                  |
| 1903 Mar. 24.      | RICHARDSON, FRANCIS AYMER  | West Park, Hexham.   |
| 1903 Mar. 24.      | RICHARDSON, JOHN STOCKS ..   | Well Royd, Rawdon, Leeds.  |
| 1903 Mar. 31.      | RICHARDSON, WALTER MORRIS  | Bod-Erw, St. Asaph. Flint.                                       |
| 1904 Nov. 8.       | { RICKIE, JAMES HEPBURN,<br>B.Eng. ( <i>Liverpool</i> ) .. .. }                | Manor House, Newnham-on-Severn, Glos.                            |
| 1903 Nov. 24.      | RIDGWAY, LEOPOLD PENROSE   | Newtown, Waterford.  |
| 1904 Feb. 9.       | RIDINGS, RALPH GRANT ..  | Cyprus Govt. Rys., Nicosia, Cyprus.                              |
| 1904 Mar. 29.      | RIGBY, WILLIAM JASON EDGELL  | { F.C.E.R., Parana, Entre Rios, Argentina.                       |
| 1904 Nov. 29.      | RIGOLD, ERNEST EDWARD ..   | { Cravenhurst, Sutton Park Road, Seaford.                        |
| 1905 Nov. 14.      | { RIMMER, EDWARD JOHNSON,<br>B.Eng. ( <i>Liverpool</i> ) .. .. }               | e.o. S. Pearson and Son, Ltd., Salina Cruz, Tehuantepec, Mexico. |
| 1904 Mar. 29.      | RITCHIE, HARRY CLEMENT ..  | Roundhill Reservoir, Masham, Yorks.                              |
| 1906 Mar. 27.      | RITCHIE, GEORGE THWAITES   | Queen's College, Birmingham.                                     |
| 1903 Nov. 10.      | { ROBERTS, HERBERT PRIESTLEY,<br>B.Sc. ( <i>Edin.</i> ) .. .. }                | St. Mary's, Birchington, Kent.                                   |
| 1901 Dec. 11.      | ROBERTS, CYRIL HUMPHREY ..   | { Mrs. Forrest, 494 Great Western Road, Glasgow.                 |
| 1903 Mar. 24.      | { ROBERTS, EDWIN GILBERT<br>LLEWELLYN .. .. }                                  | Park Lodge, Eltham, Kent.  |
| 1902 Dec. 9.       | { ROBERTS, FRANK WILLIAM<br>CRAMER .. .. }                                     | 1st Circle, Irrigation Dept., Cairo, Egypt.                      |
| 1905 Nov. 14.      | { ROBERTS, HUGH HENRY,<br>B.Sc. ( <i>Victoria</i> ) .. .. }                    | 8 Trinity Road, Bootle.  |
| 1904 Mar. 29.      | ROBERTS, LEONARD .. ..   | 226 London Road, Croydon.  |
| 1904 Nov. 8.       | { ROBERTS, SAMUEL ARTHUR,<br>B.Sc. ( <i>Birmingham</i> ) .. .. }               | The Leasowes, West Bromwich.                                     |
| 1905 Mar. 28.      | ROBERTS, THOMAS WILLIAM ..   | Sedgefield, Ferryhill, Co. Durham.                               |
| 1902 Nov. 5.       | { ROBERTS, WILLIAM DUNCAN<br>LUND .. .. }                                      | 2nd Circle, Irrigation, Cairo, Egypt.                            |
| 1904 Nov. 29.      | ROBERTSON, JAMES MELVILLE  | { Longerft Schoolhouse, Castlecary, Glasgow.                     |
| 1900 Nov. 27.      | { ROBERTSON, WALTER HENRY<br>ANTONIO .. .. }                                   | Elliott's Metal Co., Selly Oak Works Birmingham.                 |
| 1904 Nov. 29.      | ROBINSON, ALFRED .. ..   | Woodlea, Moorgate, Rotherham.                                    |
| 1906 Mar. 27.      | ROBINSON, FRANK HERBERT ..   | { 79 Claremont Road, Irlams-o'-th'-Height, Manchester.           |



| Date of Admission. | STUDENTS.  |   |
|--------------------|--|---|
| 1906 Mar. 27.      | ROBINSON, FREDERICK EATON                                  | 170 Eglinton Road, Plumstead, S.E.                        |
| 1904 Mar. 29.      | ROBINSON, HUMPHREY INGRAM                                  | { Manor House, Sundridge, Seven-oaks.                     |
| 1904 Nov. 29.      | ROBINSON, JOHN .. ..                                       | { Dock Engineer's Office, Barry, Glamorgan.               |
| 1903 Nov. 17.      | ROBINSON, REGINALD BRAHAM                                  | T. Cook & Son, Rangoon, Burma.                            |
| 1902 Nov. 5.       | RODWELL, ERNEST GRAVENOR                                   | Golakgung, E.B.S. Ry., Assam.                             |
| 1905 Jan. 31.      | ROLFE, GEORGE BERKELEY ..                                  | 12 Lawn Crescent, Kew Gardens.                            |
| 1905 Nov. 28.      | RONALD, AUSTIN GIBBS .. ..                                 | { Royal Indian Engineering College, Coopers Hill, Surrey. |
| 1905 Nov. 28.      | RONALD, LIONEL RODGER ..                                   | Mandeville, Aigburth Rd., Liverpool.                      |
| 1905 Jan. 31.      | { ROSE, GEORGE WRIGHT NORTON, B.Sc.(Engineering) (Lond.) } | { Engineer's Office, S. E. & C. Ry., Ashford, Kent.       |
| 1904 Nov. 8.       | ROSE, THOMAS HAROLD .. ..                                  | { 12 Paddenswick Road, Ravenscourt Park, W.               |
| 1905 Dec. 12.      | ROUTH, REGINALD ALAN ..                                    | { Royal Indian Engineering College, Coopers Hill, Surrey. |
| 1906 Mar. 20.      | { ROUTLEDGE, LIONEL GEORGE FRANK .. .. }                   | { 5 Great George Street, S.W.                             |
| 1903 Nov. 10.      | ROWLEY, HAROLD GEORGE ..                                   |   |
| 1900 Nov. 27.      | { ROWLEY, JOHN REGINALD PHILLIPS .. .. }                   | { Harbour Works, Pwllheli, N. Wales.                      |
| 1905 Nov. 28.      | ROWSE, ARTHUR ALBERT ..                                    | 16 Barclay Road, Fulham, S.W.                             |
| 1902 Mar. 25.      | ROYCE, BERNARD .. ..                                       | West Leigh Road, Leicester.                               |
| 1904 Nov. 29.      | RUBIE, WILLIAM CROWHURST                                   | Borough Engineer's Office, Dover.                         |
| 1903 Nov. 24.      | RUSDELL, WILLIAM JOSEPH ..                                 | { The Hawthorns, Milton Road, Hanwell, W.                 |
| 1904 Nov. 29.      | RYAN, MERVYN FREDERICK ..                                  | { J. Bagwell, Chantry House, Melbourne, Derby.            |
| 1904 Feb. 9.       | { SABINE, HAROLD WILLIAM TOWNEND CHURCHILL .. }            | { 20 Chapter Road, Willesden Park, N.W.                   |
| 1905 Nov. 28.      | SAK, MOM CHOW CHART CHOO                                   | { Royal Indian Engineering College, Coopers Hill, Surrey. |
| 1903 Nov. 10.      | SALBERG, FRANK JAMES .. ..                                 | Haflong, N. Cachar, India.                                |
| 1905 Apr. 11.      | { SALEIT, MOHAMMED ABOUL FOUTOUH .. .. }                   | { 66 Cornwall Gardens, S.W.                               |
| 1901 Nov. 27.      | SAMY, MAHMOUD .. ..  | Nasrieh College, Cairo.                                   |
| 1903 Nov. 10.      | SANDEMAN, CHARLES VAUGHAN                                  | The Chestnuts, Church, Accrington.                        |
| 1904 Mar. 29.      | SANDERS, CARL HUBERT ..                                    |   |
| 1901 Dec. 11.      | SATOW, CHARLES FRANCIS ..                                  | { c.o. R. H. Sears, Babinsol, Ranceegunge, India.         |
| 1906 Mar. 27.      | SAUNDERS, HUGH STANLEY ..                                  | 37 Mount Preston, Leeds.                                  |
| 1905 Nov. 21.      | SAWHNEY, DHAN RAJ .. ..                                    | { Royal Indian Engineering College, Coopers Hill, Surrey. |
| 1904 Mar. 29.      | SAXBY, HERBERT BABER ..                                    | { Brush Elec. Eng. Co., Ltd., Hornby Road, Bombay.        |
| 1902 Nov. 5.       | { SAXBY - THOMAS, HUMBERT GEORGE .. .. }                   |   |
| 1905 Nov. 28.      | SAYER, NORMAN WILLIAM ..                                   | The Mount, Rowditch, Derby.                               |
| 1906 Jan. 9.       | SAYER, SAMUEL ARTHUR ..                                    | { 302 Southampton Street, Camberwell, S.E.                |
| 1905 Mar. 28.      | SCHNEIDER, ERIC THEODORE ..                                | { Granville House, Overhill Road, Dulwich.                |
| 1905 Feb. 28.      | SCHÜTTE, WILLIAM PERCY ..                                  | 65 Lee Road, Blackheath, S.E.                             |
| 1902 Mar. 25.      | SCHOFIELD, FRANK .. ..                                     | 74 Mossley Road, Ashton-under-Lyne.                       |
| 1906 Mar. 27.      | SCOTT, ALEXANDER .. ..                                     | Nether House, Lesmahagow, Glas-                           |
| 1906 Feb. 6.       | SCOTT, GEORGE EDWARD ..                                    | 4 Church Street, Southport. [gow.                         |
| 1902 Mar. 25.      | SCOTT, HUGH .. ..  | 44 Hova Villas, Hove.                                     |
| 1906 Mar. 27.      | SCOTT, WALTER DOWNIE ..                                    | { Glasgow Main Drainage Works, Partick, Glasgow.          |

| Date of Admission. | STUDENTS.   |  |  |
|--------------------|---|--|--|
| 1906 Mar. 27.      | SCRUBY, JOSEPH .. ..  | 33 Great George Street, S.W.   |  |
| 1905 Mar. 28.      | SCULLY, THOMAS MARTIN ..  | Priory Lodge, Blackrock, co. Dublin.                                     |  |
| 1902 Nov. 11.      | SEGRAVE, JAMES HENRY ..   | { 22 Lawford Road, Kentish Town, N.W.                                    |  |
| 1904 Dec. 20.      | { SELLERS, FREDERICK WREFORD<br>BRAGGE .. .. . }                    | Buttercups, Sutton, Surrey.  |  |
| 1904 Nov. 29.      | SELLERS, SAM HALEY .. ..  | 52 Richmond Road, Bradford.  |  |
| 1904 Nov. 8.       | SEPHTON, RALPH, B.A. ( <i>Cantab.</i> )                             | { 34 Blomfield Street, Paddington, W.                                    |  |
| 1904 Mar. 29.      | SHAKOOR, TREVOR MONSOOR ..  | { c.o. N. Shakoar Bey, Rhoda Island, Cairo, Egypt.                       |  |
| 1905 Mar. 28.      | SHANNON, JOHN .. ..   | { 12 Waverley Gardens, Crossmyloof, Glasgow.                             |  |
| 1905 Dec. 12.      | SHARP, WILFRED .. ..  | { Royal Indian Engineering College, Coopers Hill, Surrey.                |  |
| 1905 Nov. 28.      | SHARPE, GUY OSWALD .. ..  | Avenel, Missoorie, U.P., India.  |  |
| 1905 Nov. 14.      | { SHARPLES, GEORGE BERTRAND,<br>B.Sc. ( <i>Victoria</i> ) .. .. . } | Witch Pits Farm, Hockley Heath, nr. Birmingham.                          |  |
| 1903 Jan. 13.      | SHAW, CHARLES WILLIAM ..  | Church Street Chambers, Dewsbury.  |  |
| 1903 Nov. 24.      | SHAW, FRANCIS BLEWETT ..  | { Rivoli, Church Lane, Charlton, Kent.                                   |  |
| 1903 Nov. 10.      | SHAW, THOMAS ALFRED .. ..   | 26 Elms Avenue, Muswell Hill, N.   |  |
| 1905 Dec. 12.      | SHEPHERD, DAVID .. ..   | Woodhaven, Wormit-on-Tay.  |  |
| 1900 Nov. 27.      | SHEPLEY, JOHN THORPE .. ..  | Picardy House, Belvedere, Kent.  |  |
| 1903 Nov. 24.      | SHEPPARD, CHARLES WESTCAR   | { 235 Upper Richmond Road, Putney, S.W.                                  |  |
| 1902 Dec. 2.       | SHEPPARD, JAMES .. ..   | { B.A. Pacific Ry., Calle 25 de Mayo 277, Buenos Ayres.                  |  |
| 1903 Dec. 15.      | { SHILSTONE, WILLIAM CHARLES<br>NELSON .. .. . }                    | Jhelum Canal, Sargodha, Punjab.  |  |
| 1904 Nov. 29.      | SHORES, ALAN TATHAM .. ..   | { 48 Burger Street, Pietermaritzburg, Natal. S.W.                        |  |
| 1902 Nov. 5.       | SHORTT, WILLIAM HAMILTON  | Bramcote, Bramcote Road, Putney, Colne Valley Waterworks, Bushey, Herts. |  |
| 1901 Jan. 15.      | SIBETH, AUSTIN .. ..  | Drumore, Tiverton, Devon.  |  |
| 1903 Mar. 24.      | SIDDALLS, WILLIAM FREDERICK   | G.W.Ry., Eng.'s Office, Paddington, W.                                   |  |
| 1905 Mar. 28.      | { SIKES, HOWARD LECKY, B.A.,<br>B.E. ( <i>Royal</i> ) .. .. . }     | { 30 South Lonsdale Street, Stretford, Manchester.                       |  |
| 1903 Dec. 15.      | SIMPSON, ALEC JAMES .. ..   | { Oakdale, Irongate Bridge Road, Harrogate.                              |  |
| 1906 Mar. 27.      | SIMPSON, JAMES MARSDEN ..   | { South Metropolitan Gas Company, 709 Old Kent Road, S.E.                |  |
| 1904 Nov. 29.      | SIMS, HENRY CHARLES .. ..   | { Royal Indian Engineering College, Coopers Hill, Surrey.                |  |
| 1905 Nov. 14.      | SIRN, NAI SANRA .. ..   | 73 Park Avenue, Hull.  |  |
| 1903 Nov. 24.      | SKELSEY, FREDERICK WALTER   | { Tottiford House, Bovey Tracey, R.S.O., Devon.                          |  |
| 1905 Mar. 28.      | SLATER, NOEL BRODRIBB ..  | { King, King & Co., Bombay.  |  |
| 1902 Nov. 5.       | { SLEIGH, ALEXANDER IRVING,<br>F.C.H. .. .. . }                     | { 34 Swinton Grove, Chorlton-on-Medlock, Manchester.                     |  |
| 1905 Mar. 28.      | SMART, DAVID LORIMER ..   | 117 East Dulwich Grove, S.E.   |  |
| 1898 Nov. 8.       | SMITH, ALBERT BROMLEY ..  | 39 George Rd., Wallsend-on-Tyne.   |  |
| 1904 Nov. 8.       | { SMITH, ARTHUR CLIFFORD,<br>B.Sc. ( <i>Victoria</i> ) .. .. . }    | { c.o. Mrs. Smith, 91 Oxford Gardens, N. Kensington, W.                  |  |
| 1900 Nov. 27.      | SMITH, CYRIL GRAHAM ..  | Oak Tree House, March.   |  |
| 1905 Nov. 28.      | SMITH, DONALD ELLIOTT ..  | { The Mount, Heckmondwike, Yorks.  |  |
| 1906 Mar. 27.      | { SMITH, FRANCIS MARCHANT<br>ROPER .. .. . }                        |  |  |
| 1904 Mar. 29.      | SMITH, FREDERICK GEORGE ..  |  |  |

| Date of Admission. | STUDENTS.                                       |   |
|--------------------|---|---|
| 1903 Nov. 17.      | SMITH, GEORGE MAKINS.. ..                       | { 6 Vanbrugh Park Road East, Blackheath, S.E.                     |
| 1904 Nov. 29.      | SMITH, JAMES MALCOLM LYON                       | Granton Gasworks, Edinburgh.                                      |
| 1903 Nov. 24.      | SMITH, JOHN WOODHEAD .. ..                      | 4 Belgrave Place, Bury.   |
| 1900 Nov. 27.      | SMITH, LEONARD MOUNTFORD                        | 626 Coventry Road, Birmingham.                                    |
| 1906 Mar. 27.      | SMITH, RALPH ELLIS .. ..                        | 53 Victoria Street, S.W.  |
| 1901 Nov. 19.      | SMITH, ROBERT MELVILLE ..                       | Wyndeliffe, Dudley.   |
| 1902 Dec. 2.       | SMITH, ULRIC VIVIAN .. ..                       | { Stanley House, Binswood Avenue, Leamington.                     |
| 1905 Nov. 28.      | { SMITH, VALENTINE GARDNER                      | Eng.'s Office, Royal Victoria Dock, E.                            |
|                    | { HYDE .. .. .                                  |   |
| 1903 Feb. 3.       | SMITH, VERNON CHARLES .. ..                     | Coopers Road, Lahore, India.                                      |
| 1903 Mar. 24.      | SMITH, WALTER JOHN .. ..                        | Municipal Offices, Highgate, N.                                   |
| 1901 Mar. 26.      | SMITH, WILLIAM FREDERICK..                      | { Upper Chenab Canal, Gujranwala, Punjab.                         |
| 1899 Nov. 28.      | { SNAPE, ALFRED ERNEST.                         | Eng.'s Office, L.C.C. Main Drainage, Eliot Vale, Blackheath, S.E. |
|                    | { B.Sc. ( <i>Victoria</i> .. .. .               |   |
| 1903 Mar. 24.      | SNEYD, GEORGE STUART .. ..                      | { City & Guilds Institute, Exhibition Road, S. Kensington, S.W.   |
| 1905 Mar. 28.      | SNOWDON, HAROLD .. .. .                         | { 11 Mansion House Drive, Springboig, Shettleston, Glasgow.       |
| 1900 Nov. 27.      | SOUTH, GEOFFREY WRENCH .. ..                    | { 135 Trafalgar Road, Moseley, Birmingham.                        |
| 1904 Mar. 29.      | SPALDING, PERCY ALFRED .. ..                    | 14 Torrington Square, W.C.  |
| 1905 Nov. 28.      | SPARKS, DAVID ERNEST .. ..                      | King's College, Strand, W.C.                                      |
| 1901 Nov. 27.      | SPARTALI, MICHAEL .. .. .                       | Gore Court, Otham, Maidstone.                                     |
| 1900 Nov. 27.      | SPEECHLY, EDWARD .. .. .                        | { H.M. Dockyard Extension, Keyham, Devonport.                     |
| 1903 Nov. 24.      | SPEIGHT, HERBERT .. .. .                        | Heweyville, Clayton, Manchester.                                  |
| 1903 Nov. 24.      | { SPENCER, MAXIMILIAN                           | 93 Blenheim Crescent, Notting Hill, W.                            |
|                    | { HAROLD .. .. .                                |   |
| 1905 Mar. 7.       | SPIERS, ERNEST ISIDORE.. ..                     | 76 Stepney Green, E.  |
| 1902 Mar. 25.      | SPOONER, ARTHUR DOUGLAS ..                      | 33 Great George Street, S.W.                                      |
| 1905 Mar. 28.      | SPOONER, CYRIL .. .. .                          | 1 Dunolly Gardens, Ibrox, Glasgow.                                |
| 1902 Nov. 5.       | STALLARD, GEORGE WILLES ..                      | { Miss Craig, 130 Forth Street, Pollokshields, Glasgow.           |
| 1903 Dec. 22.      | STAMPE, WILLIAM LEONARD ..                      | { Mal Branch Division, Ganges Canal, Muttra, U. P., India.        |
| 1905 Nov. 28.      | STAVERT, WILLIAM DAVID .. ..                    | { Royal Indian Engineering College, Coopers Hill, Surrey.         |
| 1905 Mar. 28.      | STEDHAM, HARRY EASTON .. ..                     | Trematon, Castle Road, Torquay.                                   |
| 1901 Mar. 26.      | STEINBERG, HERBERT EDWARD                       | 43 Parliament Hill, N.W.  |
| 1901 Nov. 27.      | STEINTHAL, PAUL TELFORD ..                      | St. John's, Ilkley, Yorks.  |
| 1903 Nov. 24.      | STERN, ALEXANDER CECIL .. ..                    | { Futchpore Division, Lower Ganges Canal, Cawnpore.               |
| 1903 Feb. 17.      | STEVENS, ARTHUR HAROLD .. ..                    | { Redlands Rise, Alexandra Road, Reading.                         |
| 1904 Mar. 29.      | STEVENS, FRANCIS GEORGE .. ..                   | Town Hall Chambers, Torquay.                                      |
| 1905 Nov. 14.      | STEVENS, FRANK KINGSLEY ..                      | 28 Trafalgar Square, Chelsea, S.W.                                |
| 1902 Dec. 2.       | STEVENS, HENRY JOHN HENLEY                      | White House, Eynsham, Oxon.                                       |
| 1902 Nov. 11.      | { STEVENS, THOMAS HARRY                         | Scott & Co., Rangoon, Burma.                                      |
|                    | { GOLDSWORTHY .. .. .                           |   |
| 1903 Jan. 27.      | { STEWART, FREDERICK ROBERT,                    | Williamwood, Cathcart, Glasgow.                                   |
|                    | { B.Sc. ( <i>Glas.</i> ) .. .. .                |   |
| 1905 Feb. 7.       | STEWART, THOMAS BRUCE .. ..                     | Municipal Offices, Cheltenham.                                    |
| 1906 Mar. 27.      | STIRLING, ALLAN .. .. .                         | { Windyedge Farm, Scotstounhill, Glasgow.                         |
| 1905 Nov. 14.      | STRACHAN, JOHN .. .. .                          | N.E. Ry., Dock Eng.'s Office, Hull.                               |
| 1903 Nov. 10.      | { STRACHAN, WILLIAM STEAD,                      | 51 Cavendish Road, Clapham Park, S.W.                             |
|                    | { B.Sc. ( <i>Engineering</i> ) ( <i>Lond.</i> ) |   |
| 1902 Dec. 2.       | STREET, ARTHUR HUBERT .. ..                     | { St. Margaret's, Berlin Road, Catford, S.E.                      |
| 1901 Nov. 19.      | STRINGER, HAROLD .. .. .                        | 2 Stokeville, Stoke-on-Trent.                                     |



| Date of Admission. | STUDENTS.  |   |
|--------------------|--|---|
| 1905 Nov. 28.      | STUBBS, SHIRLEY GRAHAM ..  | { Royal Indian Engineering College, Coopers Hill, Surrey. [E.O.]      |
| 1905 Dec. 12.      | STUBBS, SYDNEY THOMAS ..   | Thos. Cook & Son, Ludgate Circus,                                     |
| 1904 Nov. 29.      | SUMNER, CHAUNCY HUGH ..  | 72 Can Hall Road, Leytonstone, E.                                     |
| 1904 Nov. 29.      | SUTTON, FRANCIS ARTHUR ..  | { c.o. F. R. Sutton, Canons, Thetford, Norfolk.                       |
| 1905 Mar. 28.      | SWALLOW, LAURENCE HALL ..  | St. Edmunds, Bourne End, Bucks.                                       |
| 1903 Nov. 24.      | SWAYNE, HERBERT CHARLES ..   | Oak Bank, Guildford.  |
| 1905 Mar. 28.      | SYKES, JAMES .. .. .   | { Prospect House, Cockerhill, Staly-bridge.                           |
| 1902 Dec. 2.       | SZLUMPER, GILBERT SAVILE ..  | { L. & S.W. Ry., District Eng.'s Office, Exeter.                      |
| 1904 Feb. 9.       | TABOR, ERIC MONTAGU .. ..  | { Soc. Anon. de Behera, Constantinia, Gharbiah, Lower Egypt.          |
| 1903 Dec. 15.      | TATE, THOMAS BAILEY .. ..  | { Bank House, Acklington, R.S.O., Northumberland.                     |
| 1904 Nov. 29.      | { TAYLOR, FREDERICK NICHOLAS<br>GLOVER .. .. .                           | { Glasgow Main Drainage Works, Partick.                               |
| 1905 Nov. 14.      | { TAYLOR, GODFREY MIDGLEY<br>CHASSEREAU .. .. .                          | { St. John's College, Cambridge.                                      |
| 1906 Mar. 27.      | TAYLOR, HAROLD .. .. .   | { Anglo-Chilian Nitrate & Ry. Co., Tocopilla, Chili.                  |
| 1905 Nov. 28.      | { TAYLOR, HERBERT GEORGE.<br>B.A. ( <i>Cantab.</i> ) .. .. .             | { Byker Vicarage, Newcastle-on-Tyne.                                  |
| 1900 Nov. 27.      | { TAYLOR, JOHN HAROLD CLAY-<br>FIELD .. .. .                             | { G.N. Piccadilly & Brompton Ry., 6 Belgrave Street, King's Cross, N. |
| 1905 Mar. 28.      | TAYLOR, LEWIS ENFIELD ..   | { Avondale House, Thorne Road, Doncaster.                             |
| 1904 Mar. 22.      | TAYLOR, THOMAS HAROLD ..   | Hungerhill, Henley-in-Arden.  |
| 1904 Nov. 8.       | TEMPLE, JOHN .. .. .   | 10 Hughenden Road, Clifton, Bristol.                                  |
| 1902 Nov. 5.       | { TENNANT, NORMAN SCHOLE-<br>FIELD .. .. .                               | { Strathmore, Harrogate.  |
| 1906 Mar. 27.      | TERRELL, GEORGE GLENN ..   | 281 West Street, Crewe.   |
| 1903 Nov. 17.      | TEULON, OLIVER HENRY ..  | P.W.D., Meiktila, Upper Burma.  |
| 1902 Jan. 28.      | THATCHER, IVAN JAMES ..  | { 124 Cromwell Road, Montpelier, Bristol.                             |
| 1904 Mar. 15.      | THOMAS, FRED, B.Sc. ( <i>Victoria</i> )                                  | Sutton Road, Somerton, Somerset.                                      |
| m 1900 Mar. 27.    | THOMAS, JOHN VICK .. ..  | 14 Alexander Road, Gloucester.  |
| 1903 Nov. 10.      | { THOMAS, MARTIN LEWIS,<br>B.Sc. ( <i>Engineering</i> ) ( <i>Lond.</i> ) | { 42 Maison Dieu Road, Dover. "                                       |
| 1904 Nov. 8.       | THOMAS, OLIVER WOLCOTT ..  | { L. Hall, 338 Calle Entre Rios, Rosario, Argentina.                  |
| 1903 Jan. 13.      | THOMAS, RICHARD EMRYS ..   | { Engineer's Office, L. & S.W. Ry., Waterloo, S.E.                    |
| 1903 Nov. 24.      | THOMAS, WILLIAM CLAUD ..   |   |
| 1904 Mar. 29.      | { THOMAS, WILLIAM LIONEL<br>MAURICE .. .. .                              | { 42 Gower Road, Forest Gate, E.                                      |
| 1903 Nov. 24.      | { THOMPSON, BERNARD<br>VALENTINE .. .. .                                 | { R.E. Office, Shoeburyness.  |
| 1904 Nov. 8.       | { THOMPSON, EDWARD,<br>B.A. ( <i>Cantab.</i> ) .. .. .                   | { 16 Primrose Hill Road, N.W.   |
| 1902 Mar. 25.      | { THOMPSON, GEORGE NORMAN<br>VERE .. .. .                                | { Elthorne, Claredon Road, Weston-super-Mare.                         |
| 1900 Nov. 27.      | THOMPSON, MICHAEL STEPHEN  | 28 Campden Hill Square, W.  |
| 1905 Nov. 28.      | THOMPSON, SYDNEY PERCY ..  | Newton House, Haxby Road, York.                                       |
| 1901 Nov. 15.      | THOMPSON, WILLIAM PERCY ..   |   |
| 1905 Nov. 14.      | THORBURN, JOHN MILNE ..  | Springwood, Peebles, Scotland.  |
| 1902 Dec. 2.       | { THORNTON, REGINALD CHRIS-<br>TOPHER .. .. .                            | { Shire Hall, Nottingham.   |
| 1901 Nov. 27.      | THORNYCROFT, ISAAC THOMAS  | Eyot Villa, Chiswick Mall, W.   |
| 1906 Mar. 27.      | { THORN, AUGUSTUS MEYRICK<br>HEWETT .. .. .                              | { Osborne House, Newtown Road, Colchester.                            |

| Date of Admission. | STUDENTS.   |   |
|--------------------|---|---|
| 1903 Dec. 22.      | THORP, HARVEY THOMAS ..                                 | Moss Bank, Whitefield, Manchester.                                |
| 1899 Nov. 28.      | {THORPE, WILLIAM ALFRED<br>CHARLES .. .. .}             | North Western Ry., Lahore, India.                                 |
| 1903 Nov. 17.      | {TIFFANY, FRANK, Jun., B.Sc.<br>(Leeds) .. .. .}        | Eng.'s Office, Mid. Ry., Derby.                                   |
| 1905 Nov. 21.      | {TILLARD, THOMAS ATKINSON,<br>B.A. (Cantab.) .. .. .}   | Adhurst St. Mary, Petersfield, Hants.                             |
| 1904 Nov. 15.      | TIMMIS, FRANK WOOLLASTON ..                             | King's College, Strand, W.C.                                      |
| 1905 Nov. 14.      | TIMMS, ARCHIBALD BARTON ..                              | {James Watt Laboratories, The Uni-<br>versity, Glasgow.           |
| 1901 Nov. 19.      | TODD, HERBERT .. .. .                                   | {Indwe-Maclear Railway, Indwe,<br>Cape Colony.                    |
| 1905 Nov. 14.      | {TOLLER, GEORGE GORDON<br>TAYLOR .. .. .}               | 2 Upper Hamilton Terrace, N.W.                                    |
| 1904 Nov. 8.       | {TOMLINSON, ALFRED,<br>B.Sc. (Victoria) .. .. .}        | 9 Seedley Park Road, Seedley,<br>Manchester.                      |
| 1906 Mar. 6.       | TOMLINSON, JOHN ARTHUR ..                               | The University, Leeds.  |
| 1905 Jan. 24.      | TOMLINSON, THOMAS FOWLER ..                             | The University, Leeds.  |
| 1906 Mar. 27.      | TRADEWELL, ARTHUR .. ..                                 | {90 Rawmarsh Hill, Parkgate, Rother-<br>ham.                      |
| 1905 Mar. 28.      | TRAVERS, JAMES LINDSAY ..                               | King's College, Strand, W.C.                                      |
| 1904 Jan. 12.      | {TREVOR - ROBERTS, ARTHUR,<br>B.Sc. (Victoria) .. .. .} | Redwood Lodge, Empire Road,<br>Parktown, Johannesburg.            |
| 1905 Mar. 7.       | TREWHELER, ANATOLE .. ..                                | {G. F. Deacon, 16 Great George<br>Street, S.W.                    |
| 1903 Apr. 7.       | {TRIMMER, GEORGE WILLIAM<br>ARTHUR .. .. .}             | Burn & Co., 7 Hastings Street,<br>Calcutta.                       |
| 1902 Feb. 4.       | TRIPP, GEORGE WALTER .. ..                              | Brockley Lodge, New Barnet.                                       |
| 1904 Mar. 29.      | {TRIPP, WILLIAM HOWARD<br>SANDBERG .. .. .}             | W. T. Douglass, 15 Victoria Street,<br>S.W.                       |
| 1904 Apr. 12.      | TROUGHTON, HENRY JAMES ..                               | {Metropolitan Electric Tramways, 4<br>South Place, Finsbury, E.C. |
| en 1900 Nov. 27.   | TUDOR, FREDERIC EDWARD ..                               | Stevenage, Herts.   |
| 1904 Apr. 12.      | TUDSBERY, HENRY TUDSBERY                                | {125 Thurlow Park Road, Dulwich,<br>S.E.                          |
| 1905 Mar. 28.      | TURNER, ARCHIBALD .. ..                                 | {Main Drainage Works, Partick,<br>Glasgow.                        |
| 1904 Mar. 29.      | TURNER, ARTHUR MITCHELL                                 | 5 Goldswong Terrace, Nottingham.                                  |
| 1900 Nov. 27.      | TURNER, ELWYN MEYRICK ..                                | 3 Windermere Road, Muswell Hill,                                  |
| 1905 Jan. 10.      | TURNER, ERNEST OWEN .. ..                               | 28 Kilmaurs Road, Edinburgh. [N.                                  |
| 1902 Dec. 2.       | TURNER, FRED .. .. .                                    | 34 Wesley Street, Morley.   |
| 1905 Mar. 28.      | TURNER, GEORGE CORRALL ..                               | Endcliffe, Kendal, Yorks.   |
| 1903 Apr. 21.      | TURRALL, RICHARD HENRY ..                               | Torrington, N. Devon.   |
| 1904 Mar. 29.      | TUTT, ERNEST LEO HEALEY ..                              | {A. T. Walmisley, 9 Victoria Street,<br>S.W.                      |
| 1902 Nov. 5.       | TYACK, EDGAR JAMES .. ..                                | Rutland Hotel, Bakewell.  |
| 1903 Nov. 24.      | {UDALE, STANLEY MARTIN,<br>B.Sc. (Engineering) (Lond.)} | Mass. Inst. of Technology, Boston,<br>Mass., U.S.                 |
| 1905 Feb. 21.      | UNDERHILL, GEORGE BAILEY ..                             | St. Stephen's, Canterbury, Kent.                                  |
| 1900 Mar. 27.      | UPTON, MITCHELL HENRY ..                                |   |
| 1903 Nov. 24.      | URE, ROBERT, B.Sc. (Glas.) ..                           | 46 Maxwell Drive, Glasgow.  |
| 1905 Mar. 28.      | URIE, DAVID CHALMERS ..                                 | 37 Larkhall Rise, Clapham, S.W.                                   |
| 1904 Mar. 22.      | {URQUHART, GEORGE,<br>B.Sc. (Engineering) (Lond.)}      | 6 Derby Street, Mayfair, W.                                       |
| 1903 Nov. 10.      | {UTTLEY, JAMES ARTHUR,<br>B.Sc. (Victoria) .. .. .}     | Sidecot, South Downs Road, Bowdon,<br>Cheshire.                   |
| 1904 Mar. 29.      | VALE, PERCY THOMAS .. ..                                | 6 Howden Rd., S. Norwood Hill, S.E.                               |
| 1903 Mar. 24.      | {VALON, WILLIAM ARGENTINE<br>MCINTOSH .. .. .}          | 8 Winterbottom Street, South<br>Shields.                          |

| Date of Admission. | STUDENTS.  |  |
|--------------------|--|--|
| 1904 Feb. 9.       | { VAN DER MEERSCH, ANDRÉ<br>EMMANUEL MARIE FRÉDÉRIC }            | 76 Chesilton Road, Munster Park, Fulham, S.W.          |
| 1902 Nov. 5.       | VARVILL, MICHAEL NOEL ..   | Grindlay, Groom & Co., Bombay.                         |
| 1906 Jan. 9.       | VENABLES, ARTHUR JOHN ..   | 4 Chartfield Road, Putney, S.W.                        |
| 1905 Dec. 5.       | { VICKERMAN, HUGH,<br>B.Sc. (New Zealand) .. .. }                | Public Works Department, Otago Railway, New Zealand.   |
| 1906 Feb. 13.      | VIPAN, ALFRED .. .. .  | { Central Technical College, Exhibition Road, S.W.     |
| 1902 Dec. 2.       | { VOGEL, HEINRICH ERNST<br>THEODOR .. .. . }                     | 10 Mount Adon Park, Dulwich, S.E.                      |
| 1903 Nov. 17.      | VOGEL, ROGER FERDINAND ..  | Ivy Cottage, Willian, Herts.                           |
| 1905 Nov. 28.      | WADE, JOHN ROCHFORD .. ..  | 2 Holland Park, W.                                     |
| 1902 Dec. 2.       | { WAINWRIGHT, HUBERT CYRIL<br>THOMAS .. .. . }                   | Boro' Engineer's Office, Wolverhampton.                |
| 1904 Mar. 29.      | WAITE, GEORGE ARTHUR ..  | 22 Burnett Avenue, Bradford.                           |
| 1904 Nov. 8.       | WALKER, CHARLES EDMUND ..  | Chisledon, near Swindon, Wilts.                        |
| 1903 Dec. 22.      | WALKER, EDWARD GEORGE ..   | { 1 Avenue Terrace, New Bushey, Herts.                 |
| 1906 Apr. 3.       | WALKER, FRANCIS HENRY ..   | The Poplars, Headingley, Leeds.                        |
| 1902 Nov. 5.       | WALKER, FRANK EGERTON ..   | 173 Fentiman Road, S.W.                                |
| 1900 Mar. 27.      | WALKER, GEORGE .. .. .   | { Firs Brake, Leckhampton, Cheltenham.                 |
| 1903 Dec. 22.      | WALKER, GILBERT, B.A. (Oxon.)                                    | { Lee Ford, Budleigh Salterton, Devon.                 |
| 1900 Dec. 18.      | WALKER, JOHN CLIVE .. ..   | Soudan Govt. Rys., Khartoum.                           |
| 1906 Mar. 6.       | { WALKER, JOHN FRANCIS EDWARD<br>GELSON, B.A. (Cantab.) }        | 45 Bootham, York.                                      |
| 1905 Nov. 14.      | { WALKER, WILLIAM ERIC,<br>B.Sc. (Victoria) .. .. . }            | 64 Heathwood Gardens, Old Charlton, Woolwich.          |
| 1904 Jan. 12.      | WALLACE, THOMAS WALLER ..  | 11 The Hermitage, Richmond, Surrey.                    |
| 1905 Mar. 28.      | WALLIS, ALFRED BENNETT ..  | 23 Pier Road, Erith, Kent.                             |
| 1900 Mar. 27.      | WALMSLEY, HAROLD .. ..   | { Arncliffe, Whitegate Drive, Blackpool.               |
| 1902 Mar. 25.      | WALTON, ARTHUR MOORE ..  | { 12 Little College Street, Westminster, S.W.          |
| 1905 Mar. 28.      | WALTON, GEOFFRY FREDERICK  | { Elton Banks, Edenfield, near Manchester.             |
| 1905 Nov. 14.      | WARBURTON, JOHN FELIX ..   | 114 Princes Road, Liverpool.                           |
| 1901 Nov. 29.      | WARD, ALEC COWPER .. ..  | Belmont, Exeter.                                       |
| 1905 Jan. 17.      | { WARD, HARRY BERNARD, B.Sc.<br>(Victoria). B.Eng. (Liverpool) } | The Elms, West Kirby, Cheshire.                        |
| 1902 Nov. 5.       | { WARD, HENRY PILKINGTON,<br>B.Sc. (Victoria) .. .. . }          | Ambleside, Withington Road, Whalley Range, Manchester. |
| 1903 Dec. 22.      | { WARMINGTON, EDWARD<br>STEPHEN, B.A. (Cantab.) .. }             | 9 Pembroke Square, W.                                  |
| 1906 Feb. 6.       | WARNANT, EDWARD .. ..  | King's College, Strand, W.C.                           |
| 1904 Nov. 8.       | WATERS, ARNOLD HORACE SANTO                                      | 45 Trafalgar Square, Scarborough.                      |
| 1903 Nov. 24.      | WATERS, HORACE FRANK ..  | { 93 Taybridge Road, Clapham Common, S.W.              |
| 1904 Mar. 29.      | WATKINS, ARTHUR ALBERT ..  | Electricity Works, Lewes, Sussex.                      |
| 1901 Nov. 19.      | { WATNEY, WILLIAM HERBERT,<br>B.A. (Cantab.) .. .. . }           | Buckhold, Pangbourne, Berks.                           |
| 1906 Mar. 27.      | WATSON, ERSKINE PHILIP ..  | Hurstwood, Woodford Green, Essex.                      |
| 1903 Nov. 10.      | WATSON, HERBERT, B.E. (Royal)                                    | 38 Eglantine Avenue, Belfast.                          |
| 1905 Mar. 28.      | WATT, JAMES ARTHUR .. ..   | Primus Villa, Arbroath Rd., Dundee.                    |
| 1905 Mar. 28.      | WEBB, ALBERT EDWIN .. ..   | { 29 Clifton Road, Heaton Moor, near Stockport.        |
| 1903 Nov. 10.      | WEBB, LEONARD ALEC VERNON  | 29 Lawn Terrace, Blackheath, S.E.                      |
| 1905 Mar. 28.      | WEEKES, FREDERIC EARLE ..  | 16 Lockyer Street, Plymouth.                           |
| 1903 Mar. 24.      | WEEKS, EDMUND GEORGE ..  | { Kirk House, Borough Road West, Middlesbrough.        |



| Date of Admission. | STUDENTS.   |  |
|--------------------|---|--|
| 1906 Mar. 27.      | WEIR, ROBERT .. ..  | Duncairn, Milngavie, Glasgow.                            |
| 1903 Dec. 22.      | {WELLER, HENRY OWEN,<br>B.Sc. ( <i>Glasgow</i> ) .. ..}                         | Nimasarai, Malda, E. Bengal.                             |
| 1904 Nov. 8.       | WELLS, FRANCIS EDWARD ..  | 29 Albion Square, Dalston, N.E.                          |
| 1903 Nov. 24.      | WELLS, WILLIAM .. ..  | {East View, Horden Colliery, Easing-<br>ton, Co. Durham. |
| 1904 Dec. 20.      | WELLSTED, CHARLES GORDON  | Trauby Lodge, Hessle, E. Yorks.                          |
| 1904 Dec. 13.      | {WESTON, ARTHUR TOM,<br>B.Sc. ( <i>Victoria</i> ) .. ..}                        | "Tyburnia," Billson Street,<br>Poplar, E.                |
| 1901 Dec. 17.      | {WETHERALL, ARTHUR, B.Sc.<br>( <i>Victoria</i> ) .. ..}                         | Boothferry Road, Goole.                                  |
| 1905 Jan. 10.      | WHALE, GEORGE, JUN. .. ..   | Chester Place, Crewe.                                    |
| 1904 Nov. 8.       | WHARTON, JOHN .. ..   | {81 Broomfield Crescent, Headingley,<br>Leeds.           |
| 1905 Jan. 10.      | {WHARTON, JOHN ROBERT,<br>B.A. ( <i>Cantab.</i> ) .. ..}                        | Fisher's Gate, Withyham, Sussex.                         |
| 1905 Nov. 28.      | WHEATLEY, ALFRED EVANS ..   | {Glenhurst, Stamford Street, New-<br>market.             |
| 1903 Nov. 17.      | WHEATON, HAROLD JOSEPH ..   | 21 Chesterton Road, Cambridge.                           |
| 1905 Dec. 19.      | WHEELER, HAROLD DAKIN ..  | Bracondale School, Norwich.                              |
| 1902 Nov. 25.      | {WHEELER, WILLIAM THOMAS<br>B.Sc. ( <i>Engineering</i> ) ( <i>Lond.</i> )}      | {84 Charlotte Street, Morice Town,<br>Devonport.         |
| 1904 Nov. 22.      | WHEEN, CHARLES WALTER ..  | {6 Cumberland Terrace, Regent's<br>Park, N.W.            |
| 1903 Nov. 17.      | WHILE, AUGUSTUS .. ..   | Croslands, Furness Abbey.                                |
| 1906 Mar. 27.      | WHITE, CHARLES EDWARD ..  | Brunalb, Uddingston, Glasgow.                            |
| 1899 Nov. 28.      | WHITE, COLIN ROBERT .. ..   | S.I. Ry., Trichinopoly, India.                           |
| 1902 Nov. 5.       | {WHITE, FRANCIS MARIE JOSEPH,<br>B.Sc. ( <i>Engineering</i> ) ( <i>Lond.</i> )} | Normanhurst, Mattock Lane,<br>Ealing, W.                 |
| 1905 Nov. 14.      | WHITE, JOHN LETHAM .. ..  | 44 Comiston Road, Edinburgh.                             |
| 1902 Apr. 22.      | WHITEHEAD, ALAN OCTAVIUS  | Deighton Grove, York.                                    |
| 1905 Mar. 28.      | {WHITEHOUSE, CHARLES MAR-<br>CUS ALLEN .. ..}                                   | Gibson Road, Heaton Chapel, Man-<br>chester.             |
| 1903 Mar. 24.      | WHITLEY, FRANCIS GRENVILLE  | 28 Victoria Street, S.W.                                 |
| 1903 Mar. 24.      | WHITSON, RALPH ALEXANDER  | 7 Windsor Quadrant, Glasgow.                             |
| 1901 Nov. 19.      | WHITTLE, BERTRAM ARTHUR   | {59 Earlsfield Road, Wandsworth,<br>S.W.                 |
| 1903 Mar. 24.      | WICKENDEN, ERNEST .. ..   | 16 Claremont Rd., Tunbridge Wells.                       |
| 1899 Dec. 5.       | WICKHAM, JOHN AVENEL ..   | {S. Pearson & Son, Ltd., Harbour<br>Works, Malta.        |
| 1903 Dec. 15.      | WILDER, HARRY HILLIARD ..   | Lynton, Wallingford, Berks.                              |
| 1904 Nov. 29.      | WILKINSON, HERBERT STANLEY  | {10 Fairfield Road, Toller Lane,<br>Bradford.            |
| 1905 Mar. 28.      | WILKINSON, PERCY .. ..  | {17 St. George's Terrace, Roker,<br>Sunderland.          |
| 1903 Nov. 17.      | {WILL, ROBERT WILLIAM, JUN.,<br>B.Sc., Eng. ( <i>Edin.</i> ) .. ..}             | R. & K. Bareilly, India.                                 |
| 1904 Mar. 29.      | WILLCOX, BENJAMIN BRUCE ..  | {34 Hamilton Terrace, St. John's<br>Wood, N.W.           |
| 1904 Nov. 8.       | WILLEY, EDWARD .. ..  | 69 Wade Lane, Leeds.                                     |
| 1905 Dec. 12.      | WILLIAMS, ARTHUR .. ..  | 64 Church Lane, Gorton, Manchester.                      |
| 1905 Mar. 28.      | WILLIAMS, CHARLES WILLIAM   | 26 Maxton Rd., Fairfield, Liverpool.                     |
| 1905 Jan. 24.      | {WILLIAMS, PETER ERBIN,<br>B.Sc. ( <i>Wales</i> ) .. ..}                        | 17 Abertoniwyd Road, Treherbert,<br>Glam.                |
| 1899 Mar. 28.      | WILLIAMSON, ANDREW .. ..  | {Derwent Valley Water Board,<br>Bamford, Sheffield.      |
| 1903 Mar. 24.      | WILLIAMSON, HUGH PASS ..  | {Oak Avenue, Romiley, near Stock-<br>port.               |
| B 1902 Nov. 5.     | WILLIAMSON, JAMES .. ..   | Westfield Farm, Holytown.                                |
| 1904 Nov. 8.       | {WILLINK, ARTHUR CHARLES<br>ERIC, B.A. ( <i>Cantab.</i> ) .. ..}                | Nackington Vicarage, Canterbury.                         |
| 1904 Nov. 22.      | WILLIS, THOMAS AMBROSE ..   | {53 Caithness Road, West Kensing-<br>ton, W.             |

| Date of Admission. | STUDENTS.   |  |
|--------------------|---|--|
| 1906 Jan. 9.       | WILSON, CHARLES MORELL ..                                 | { City and Guilds Central Technical College, Exhibition Road, S.W. |
| 1903 Jan. 13.      | WILSON, CYRIL SPENCER ..                                  | Woodville, Lansdown, Bath.   |
| 1904 Mar. 29.      | WILSON, ERNEST .. ..                                      | 52 Allen Road, Wolverhampton.                                      |
| 1905 Dec. 19.      | WILSON, FRANCIS WOODMAN ..                                | { Stobhill, Malvern Wells, Wor-                                    |
|                    |   | cestershire.   |
| 1905 Dec. 5.       | WILSON, GEORGE STEWART ..                                 | 23 Trent Road, Brixton Hill, S.W.                                  |
| 1901 Mar. 26.      | WILSON, JOSEPH LUPTON ..                                  | 51 Toothill Road, Loughborough.                                    |
| 1904 Nov. 22.      | WILSON, LAWRENCE TRENCH ..                                | 8 Abingdon Gardens, Kensington, W.                                 |
| 1900 Nov. 27.      | WIMBUSH, HENRY LAWRENCE                                   | { c.o. Prof. Orr, Transvaal Technical Institute, Johannesburg.     |
| 1901 Feb. 12.      | WINGFIELD, GODFREY LEE ..                                 | { 3 Leamington Villas, Chiswick Lane, W.                           |
| 1906 Mar. 27.      | WINFIELD, REGINALD AYTON                                  | City Eng.'s Office, Norwich.                                       |
| 1900 Mar. 27.      | WISE, JAMES BERKELEY .. ..                                | Cork, Bandon & S.C. Ry., Bandon.                                   |
| 1904 Nov. 8.       | WISE, WILFRED .. ..                                       | Hutton Henry, Castle Eden, R.S.O.                                  |
| 1905 Mar. 28.      | WITTS, JOHN .. ..   | { Esk House, Cedars Road, Hampton Wick, W.                         |
| 1903 Nov. 17.      | WOLFF, MARTIN .. ..                                       | Highfield, Kenley, Surrey.   |
| 1902 Dec. 2.       | WOOD, HENRY .. ..   | City Engineer's Office, Norwich.                                   |
| 1904 Nov. 29.      | WOODBIDGE, LEWIS ARTHUR                                   | { Central Technical College, Exhibi-                               |
|                    |   | tion Road, S.W.  |
| 1904 Nov. 29.      | { WOODING, JOHN WILLANS, }<br>B.Sc. (Engineering) (Lond.) | 21 Douglas Road, Canonbury, N.                                     |
| 1906 Mar. 27.      | WOODMAN, GREENWOOD ..                                     | 90 Bolton Rd., Kearsley, Farnworth.                                |
| 1905 Nov. 28.      | WOODWARD, EGBERT GORDON                                   | 69 Kennington Oval, S.E.   |
| 1902 Feb. 11.      | WOOLDRIDGE, EDWARD PERCY                                  | { Contractor's Office, Somerton. Somerset.                         |
| 1906 Mar. 27.      | WOOLWAY, CHARLES GORDON                                   | 6 Salisbury Avenue, Penarth, Cardiff.                              |
| 1906 Jan. 16.      | WORKMAN, FRANZ .. ..                                      | University College, Gower St., W.C.                                |
| 1906 Mar. 27.      | WORTH, HENRY NORMAN ..                                    | { 24 Patrick Road, West Bridgford, Nottingham.                     |
| 1906 Jan. 16.      | WORMS, EMANUEL HENRY ..                                   | { 30 Charleville Road, West Kensington, W.                         |
| 1906 Mar. 27.      | WOTHERSPOON, JOHN ARMOUR                                  | Shieldhill, Cambuslang, Glasgow.                                   |
| 1903 Nov. 17.      | { WRIGHT, ALBERT FREDERICK }<br>JAMES .. ..               | 6 Hampton Road, Forest Gate, Essex.                                |
| 1905 Nov. 28.      | WRIGHT, ALBERT HOWARD ..                                  | { 3 Wheeler Street, Stourbridge, Wor-                              |
|                    |   | cestershire.   |
| 1904 Mar. 29.      | WRIGHT, ARTHUR REGINALD ..                                | { Central Marine Engine Works, West Hartlepool.                    |
| 1900 Mar. 27.      | WRIGHT, FRANK WILSON ..                                   | 19 Church Street, Stratford-on-Avon.                               |
| 1903 Nov. 24.      | YARROW, HAROLD EDGAR ..                                   | Woodlands, Blackheath, S.E.  |
| 1906 Jan. 16.      | { YEAMAN, WILLIAM GEORGE, }<br>B.Sc. (Glasgow) .. ..      | Bank House, Meigle, Perthshire.                                    |
| 1904 Nov. 29.      | YEOMAN, GORDON .. ..                                      | 62 Hampton Park, Clifton, Bristol.                                 |
| 1901 Dec. 17.      | YOUNG, CYRIL ROE MUSTON ..                                | { The Villa, Rosapenna, Carrigart, co. Donegal.                    |
| 1901 Nov. 19.      | YOUNG, GEORGE SHIEL ..                                    | Castle Carrock, nr. Carlisle.                                      |
| 1904 Jan. 26.      | { YOUNG, JOHN STEVENSON. }<br>B.Sc. (Victoria) .. ..      | Kirby Park, West Kirby, Cheshire.                                  |
| 1904 Jan. 26.      | { YOUNG, THOMAS ADAIR, }<br>B.Sc. (Edin.) .. ..           | 19 Cluny Drive, Edinburgh.   |
| 1904 Nov. 8.       | { YOUNGER, JOHN, B.Sc. (Glas-                             | 21 Oakshaw Street, Paisley.  |
|                    | gow) .. ..  |  |

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